

sea soundings. The ordinary plan is to carry the head-line (a strong line or small rope of fine tarred Manila yarn) from the stern along the ship's side to the bows, and there drop the lead into the sea. As it sinks the rope runs off the drum on which it is coiled, and when the lead strikes bottom the running ceases. The introduction of fine steel piano-forte wire for the rope, by Sir Wm. Thomson, is a great improvement upon this clumsy method. The wire sinks quickly through the water, and is pulled in again with a very great saving of time and labor, but the most ingenious of all contrivances for finding the depth of the sea is Siemen's bathometer, a very recent invention. The bathometer simply stands in the captain's cabin, and indicates the depth of the sea over which the ship is passing, just as the barometer indicates the height of the atmosphere above. The action of this ingenious contrivance depends on the attraction of the earth on a column of mercury. This attraction is proportional to the earth's density, and the relative distance of its crust from the mercury column. Earth being denser than water, exercises a greater downward attraction on the mercury. If then there are, say a hundred fathoms of water just under the mercury, instead of a hundred fathoms of earth and rocks, there will be less downward attraction on it. Taking advantage of this law, the mercury column is adjusted so as to indicate the power of the attraction and give the depth of water it corresponds to.

**THE MORMONS AT UTAH.**—On Sunday last Mr. Samuel Claridge, from Utah, delivered an address in a large barn in North Street, to a numerous audience, his announced subject being "The First Principles of the Gospel, as taught by Jesus Christ and His Apostles." The speaker pointed out how much there was in the character and work of the Almighty, as revealed especially to us in the Gospel of Jesus Christ, to inspire our love and demand our reverence, if we but rightly conceived of God. He then went on to speak of discord between rival sects as preventing the growth of that universal brotherhood so desirable for the advancement of true religion among mankind, earnestly impressing upon his hearers not to neglect the necessity of repentance towards God through faith in Christ, whereby they would know what heartfelt religion and spiritual peace was. He spoke of the faith, devotedness, and unselfishness of the Mormons at Utah, believing most of them were loyal to the convictions of their own hearts. From Mr. Claridge's account we gather that the majority of the people of Utah are pure-hearted and true in living, honest in their dealings with each other, and obedient to the laws of home and country. Perhaps in his next address he may give more information as to this extraordinary religion, and show us what the Mormons have accomplished in the Great Salt Lake Valley, and the means they have adopted to gather the "saints" into that place from all parts of the world.—*Leighton Buzzard (England) Gazette, July 10th.*

**A WOMAN'S ADVENTURE WITH A RATTLESNAKE.**—George Case, a constable of London, a few days ago, was away from the house at work on the farm, and the mother had stepped out of the house for a short time, leaving a little girl of eighteen months alone. Hearing the child laughing in great apparent glee, she looked in and was horrified to see it striking at a large marassauga, or marsh rattlesnake, and when it would make a lunge to bite, the child would laugh, supposing it play. A pet cat was between the child and the snake, using all its strength by rubbing against it to keep it out of danger. It is the opinion of the parents that they are indebted to the cat for their child's life. In this case the mother seized the child and placed it in the middle of the highest bed in the house; then she, all unmindful that she had laid off her shoes, seized a kettle of hot water and commenced pouring it upon him. This brave little barefoot woman, near enough to a four-foot rattlesnake to pour hot water on him, poured it on him till he made a lunge to bite, when she screamed, dropped the bucket, and ran. By this time Mr. C., who had

been called, got to the house. By tearing up the floor, he succeeded in pushing him out with a pitchfork. His snakeship was found in a very demoralized condition, being half-cooked, and entirely blinded by the hot water, trying to bite with a mouth all knocked askew by the falling kettle. After he was dispatched and the rattles secured, they were found to number seventeen, and some of them gone at that, showing him to be old enough to vote.—*Monroe Commercial.*

**DIED.**

At his ranche, six miles from Richmond, Cache County, July 13, LANSING BATES, aged 46 years.  
Brother Bates' demise was very sudden. Early on the morning of his decease he went about his work as usual, apparently in good health, and while attending to his stock in the corral was suddenly taken ill, and expired within ten minutes of the time of the attack. He was born in Anderson, Jefferson County, New York; was baptized into the Church by his brother, Ormus E. Bates, in Wisconsin, in 1861; emigrated to Utah in 1862. He was firm in the faith of the gospel, and was much respected by all who knew him. He leaves a wife and three children to mourn his loss.—[Com.]

W. JENNINGS & Sons are now the agents for the celebrated gunpowders manufactured by Dupont. Whether for blasting, sporting or any other purpose, these powders have a No. 1 reputation. See advertisement and remember that Jennings & Sons will fill your orders for any quantity, as well as for all kinds of merchandise in general demand, at their well known and very popular Eagle Emporium.

**SPECIAL NOTICE**

to Farmers, Sheep Raisers, Butchers, and others: Z. C. M. I., of this city, is paying the highest market price in cash for Wool and Hides of all kinds. Wool contracts closed and the usual advances made on the same. We have every facility for handling these products in any quantity, and parties will find it to their interest to consult us before making other arrangements. Parties shipping their Hides or Wool to us will please mark them Z. C. M. I., care H. B. Clawson. Depot at the Wagon and Machine Yards, opp. the Institution.

H. S. ELDRIDGE, s&w Supt.

**STOLEN**

FROM Sessions', July 10, 1877, a brown HORSE, seven years old, no brands, a little white on left hind foot, thin in flesh, and when taken had smooth shoes on. Any person giving information that will lead to his recovery, or his delivery, will be paid for their trouble.

HARVEY H. PERKINS, Wood's Cross, Davis County. d s & w

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WE are now prepared to receive orders for FAMILY RECORDS of an approved form. Each book is divided into four forms. The first form is that of a "Family Record," with ruled and printed spaces for births, marriages, and deaths, in each family, also for names, dates, and places, one page accommodating one family. The second form is a "Church Record," with spaces for blessings, baptisms, confirmations, ordinations, endowments, and patriarchal blessings, and various particulars of the same. The third form is a "Sealing Record," with spaces for name of person sealed, birth, death, time, place, etc. The fourth form is a "Baptism for the Dead Record," with spaces for names, dates, birth, death, baptism, confirmation, etc. Each book is furnished with a title page, on which the person owning the record can enter his or her name. An explanation of the forms, or instructions how to keep the record, is also printed in each book, and its pages are numbered. These Records are well printed and ruled on good ledger paper, substantially bound in full Sheep, English Roan, or Book. We can furnish them of any size, from one to five quires, or larger, but probably five quires is as large as will be desired. We can also furnish the various forms in a record, proportioned to each other, to order.

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5 "	6 25	6 50	7 00	7 50

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**GEO. A. LOWE,** half block south of Theatre, SALT LAKE CITY, UTAH.

**NOTICE.**

In the matter of the Estate of Ezekiel Lee, deceased.

To the creditors of the said deceased.

ALL PERSONS having claims against the estate are hereby required to exhibit them with the necessary vouchers within ten months after the first publication of this notice, to us, or either of us, at our respective residences in the 19th Bishop's Ward, Salt Lake City, and Peoa, Summit County, Territory of Utah.

FANNY F. LEE, Salt Lake City.  
ORRIN S. LEE, Peoa, Summit Co.

w 1m

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THERE being several hundred copies of the above Song Book remaining unsold, they can be obtained at the Deseret News Office for 25 cents per copy.

WM. WILLES, S. L. City, March 31st, 1876.