

er which recovered the caisson having refused the contractors' offer.

General Nihad, a Pole, is appointed Suleiman Pasha's chief of staff, and General Mina, a Belgian, to command the cavalry division at Rasgrad.

Kars is completely invested. General Tergukasoff has occupied Bayazid.

The bullion gone into the Bank of England on balance, to-day, is £96,000.

Five hundred and thirty-one thousand pounds of gold arrived on Saturday, from Australia, India and China. It is expected that the most of it will go into the Bank of England to-day.

MADRID, 26.—It is said the marriage of King Alfonso has been fixed for the 23d of January next.

CORRESPONDENCE.

"Those Worms."

SALT LAKE CITY,
October 22, 1877.

Editors Deseret News:

In further reply to your correspondent of the 18th inst., and signing himself "Daniel Tyler," I beg to say, that when this cure of worms was effected, I took a memorandum of the case for a future testimonial, and only, until recently, has an opportunity presented itself for me to get the lady's signature to it. At the time of the lady's calling at my office, I was very busy, (in fact, three or four deep, and all anxious to be going,) and being in the act of sending another testimonial to your office for insertion, this one was hurriedly drawn up, so that the two could appear together, and given to the lady to sign at your office, which was done, I believe, in the presence of one or more of your people. Hence arose the few mistakes in the name and place, for which I am deeply sorry, and beg to apologize. There is, or was, a gentleman living in Beaver, by name George Owen, carriage painter, who was a witness of this wonderful cure.

Your correspondent says that "he understands I crossed the sea with the lady." I need scarcely say that this is incorrect. I crossed the water in '71." When the lady came out, I do not know. I will not follow your correspondent further, than by saying should he, or any of his friends, be troubled with worms, I will undertake to cure them in a few hours, or should your correspondent require a few lessons in "wormology" (which he evidently does) I will, on application, give him a few. I have some of the disputed worms on hand. Trusting to your kind insertion of this, I am

Your obedient servant,

E. L. PLANT.

Is this not about enough on the worm business? We think so. But if either of the disputants wish to ventilate the matter further by way of advertisement, our terms are reasonable and we shall be ready to give them the lowest figures.—EDS.]

OGDEN CITY, Utah,
October 25th, 1877.

Editors Deseret News:

Another serious accident occurred at the Union Pacific Railroad Depot, here about 5 o'clock this evening, to one of the Company's employes, Thomas Dunham, a brakeman. He had been "switching" in the yard, and while the engine was in motion stepped off with his right foot, which caught in a "frog" of the rails, hurling him to the ground. He threw himself on his side to save his body from injury, but his foot being fast the wheels passed over it, mutilating it terribly, cutting off part of the heel, mangling the right side of the foot, dislocating the ankle, crushing a number of the bones and severing the ligaments.

Dr. O. B. Adams was called on, who put the patient under the influence of chloroform, set the ankle, removed some of the pieces of broken bones, and bound up the foot. The patient, although he suffers severely, is doing as well as can be expected under the circumstances. Dr. Adams told me to-night that amputation of the foot will be his dernier resort, that he will do his utmost to prevent such a contingency. Hope he may succeed.

Night before last three horses,

which were on the U. P. track just east of this point were run over by the freight train, two of them, one of which was my horse "Billy," were so badly injured they had to be killed, the other may recover.

SEMPER.

Officers of Davis [County] Stake.

Editors Deseret News:

In the exceeding brevity of the minutes of our conference, the names of the officers of the Stake were not mentioned, would you like to publish them now?

President of Stake, Wm. R. Smith; Counselors, Christopher Layton and Anson Call.

President of the High Priests, T. S. Smith; Counselors, Thomas Steed and Job Welling.

High Council—Thomas Grover, J. W. Woolley, Jonathan H. Holmes, Zera S. Cole, Joseph L. Robinson, Ezra T. Clark, John Ellison, Joseph B. Noble, Nathan T. Porter, Daniel A. Miller, Ozias Kilbourn, William Glover.

SOUTH BOUNTIFUL.

Bishop, William Brown; Counselors, Edwin Pace and Joseph Hoggan.

WEST BOUNTIFUL.

Bishop, Wm. G. Muir, Jr.; Counselors, John Fisher and J. H. Grant.

EAST BOUNTIFUL.

Bishop, Chester Call; Counselors, David Stoker and William Thurgood.

CENTREVILLE.

Bishop, Nathan Cheney; Counselors, John Ford, Jr., and Melvin Randall.

FARMINGTON.

Bishop, J. N. Hess; Counselors, A. Stayner and Jacob Miller.

KAYSVILLE.

Bishop, Peter Barton; Counselors, J. R. Barnes and T. F. Rouché.

SOUTH HOOPER.

Bishop, H. B. Gwilliam; Counselors, George Davis and William Priest.

SOUTH WEBER.

Bishop, David S. Cook; Counselors, D. P. Jones and T. F. King.

A. STAYNER,
Clerk of the Stake.

JUAB STAKE CONFERENCE.

The quarterly Conference of the Juab County Stake of Zion was held in the Meeting House in Nephi, on Saturday and Sunday, October 20th and 21st, 1877.

Present—Wilford Woodruff, Orson Hyde and Erastus Snow of the Twelve Apostles; President George Teasdale of the Juab Stake of Zion; Presidents Canute Peterson, Henry Beal and John B. Maiben of the Sanpete Stake; President Ira N. Hinckley of Millard County Stake; Wm. H. Folsom Architect and Superintendent of the Manti Temple; with the Bishops of the Juab Stake, and a number of other visitors.

Saturday morning, 10 a. m.

Choir sang

The morning breaks, the shadows flee.

Prayer by Elder Wm. H. Folsom.

Choir sang

The time is nigh, that happy time.

PRESIDENT TEASDALE,

In a few opening remarks, called upon the Clerk of the Conference, who read the statistical report furnished by the Bishops from each ward. The President eulogized the Priesthood, the Relief Societies, the Young Men's and Ladies' Improvement Societies, and counseled the young men to shun false stimulants.

ELDER WILFORD WOODRUFF

Was pleased with the reports, gave some excellent instructions and encouragement to the Lesser Priesthood; instructed the people on the necessity of being guided by the Spirit of God; referred to the work required at the hands of the people in building Temples, the necessity for them, and the glorious work to be accomplished for the living and the dead; related some remarkable experience, which was listened to with the utmost attention. Spoke of the increase of unity and power amongst the Saints and the increase

of wickedness in the world; exhorted the Saints to diligence; instructed the Patriarchs and the Priesthood in their duties, and exhorted all to serve the Lord by keeping His commandments and doing His will.

ELDER ORSON HYDE

Advised the young men to shun the soul destroying liquor saloons; encouraged the Saints to build the Temple, and to beware of false speculations, showing the evils resulting therefrom.

Conference adjourned until 2 p. m.

Benediction by President Geo. Teasdale.

2 p. m.

The choir sang—

Praise ye the Lord, my heart shall join.

Prayer by Elder Beal.

Choir sang—

Come O, thou King of kings.

ELDER W. H. FOLSOM

Referred to his labors in this kingdom, the joy he had as architect and superintendent of the Temple in Manti, and the labor that had been accomplished there, exhorted the saints to faithfulness and hoped that we would have the privilege to enjoy the blessings of God in that house.

PRESIDENT CANUTE PETERSON

Related some interesting items in connection with the building of the Temples that had been reared. Testified to the beneficial labors of the Relief Societies in aiding the priesthood in their labors.

PRESIDENT IRA N. HINCKLEY

Expressed his satisfaction to have the privilege to labor for the kingdom and the association of the people in these mountains. He had always been a worker and rejoiced in his labors.

ELDER WILFORD WOODRUFF

Expressed his satisfaction at the testimonies and the good spirit attending the remarks of the brethren—gave a very interesting account of the work accomplished and to be accomplished by the Saints of God.

Choir sang:

What was witnessed in the heavens.

Adjourned until Sunday 10 a. m. Benediction by Elder John B. Maiben.

Sunday, Oct. 21st, 10 a. m.

Choir sang:

Lord thou hast searched and seen us thro'.

Prayer by President Geo. Teasdale.

Choir sang:

Lo! the mighty God appearing.

ELDER ERASTUS SNOW

Delivered an excellent discourse on the text "obedience is better than sacrifice;" urged upon the Saints the necessity of educating their children in a proper manner, to be wise in the selection of their literature; counseled the priesthood to magnify their callings, and trust in God; spoke on the Perpetual Emigration Fund, and the necessity of paying up all indebtedness so that the poor might be gathered; also upon the temple fund, and the necessity of observing the requirements of the gospel, to enable us to enjoy the right of administering in the house of the Lord.

Choir sang

Arise, O glorious Zion.

Benediction by Patriarch J. G. Bigler.

2 p. m.

Choir sang

Come Holy Ghost our hearts inspire.

Prayer by Bishop Joel Grover.

Choir sang

He died the great Redeemer died.

Sacrament was administered, during which time the choir sang

O my Father, thou that dwellest.

ELDER ORSON HYDE

Delivered a discourse on the xxix chapter of Isaiah and the literal fulfillment of prophecy, also the rest from our labors. Urged upon the people the necessity of sustaining the building of temples.

PRESIDENT GEORGE TEASDALE

testified to the willingness of the priesthood and members of the Juab Stake of Zion to sustain true principle and the pleasure he had enjoyed in his labors, exhorted the Saints to purity of life, and presented the church authorities, which

were unanimously sustained, also the local authorities as follows:

George Teasdale, President, Joel Grover and Kanad H. Brown, Counselors.

High Council—George Kendall, Timothy S. Hoyt, Wm. H. Warner, Samuel Cazier, David Cazier, Jacob G. Bigler, Jr., John Vickers, John Kinke, Thomas Ord, Abraham Orme, Charles H. Bryan and John D. Chase.

Patriarchs, Jacob G. Bigler, Sen., Samuel Pitchforth.

Andrew Love, President of the High Priests' Quorum, Robert H. Scott and James T. Belliston, Counselors.

John Pyper, Clerk of Stake.

Bishop of Nephi, First Ward, John Andrews, Edwin Harley and Wm. A. C. Bryan, Counselors; Second Ward, Charles Sperry, Bishop, Wm. F. Folley and Chas. D. Cazier, Counselors.

Levan—Niels Aagaard, Bishop, Elmer Taylor and Eric Petterson, Counselors.

Mona—John M. Haws Bishop, William Newton and John W. Bell, Counselors.

Choir sang—

Earth is the place where Christ will reign.

Benediction by President Petterson.

Adjourned till 7 p. m.

7 p. m.

Choir sang:

Joy to the world, the Lord will come.

Prayer by Elder John B. Maiben.

Choir sang:

God moves in a mysterious way.

On motion of President Teasdale, the following committee were sustained to employ and arrange with the laborers on the Manti Temple from Juab County—George Teasdale, Joel Grover, Knud H. Brown, John Andrews, Chas. Speery, Niels Aagaard and John M. Haws.

ELDER WILFORD WOODRUFF

Expressed his satisfaction at the unity and good spirit manifested by the Saints at this Conference and the pleasure he had experienced. Hoped that it would continue and increase with the people; quoted the Savior's expression to his disciples, "Ye are not of the world," etc., and delivered an interesting discourse, enjoining all to do their duty.

W. H. FOLSOM

Related his early experience in the work of the last days and encouraged the Saints to faithfulness.

After which Conference adjourned.

Choir sang:

When Joseph his brethren beheld.

JOHN PYPER,
Clerk of Conference.

MARS.

When Galileo turned toward Mars the telescope with which he had discovered the moons of Jupiter, the crescent form of Venus, and many other wonders in the heavens, he was altogether disappointed. His telescope was indeed too small to show any features of interest in Mars, though the planet of war is much nearer to us than Jupiter. Mars is but a small world. The diameter of the planet is about 4,400 miles, that of our earth being nearly 8,000. Jupiter, though much farther away, has his immense diameter of more than 80,000 miles to make up, and much more than make up, for the effect of distance. With his noble system of moons he appears a remarkable object even with a small telescope, but Mars shows fewer features of interest even with telescopes of considerable size.

It was not, then, till very powerful telescopes had been constructed that astronomers learned what we now know about Mars.

It is found that his surface is divided into land and water, like the surface of our own earth. But his seas and oceans are not nearly so large compared with his continents and lands. You know that on our own earth the water covers so much larger a surface than the land that the great continents are in reality islands. Europe, Asia and Africa together form one great island; North and South America another not quite so large; then come Australia, Greenland, Madagascar, and so forth; all the lands being islands, larger or smaller. On the other hand, except the Caspian Sea and the Sea of Aral, there are no large seas entirely land bound. In the case of Mars a very different state of things prevails, as you will see

from the three excellent pictures (hitherto unpublished), drawn by the famous English observer, Dawes (called the Eagle-eye). The third and best was drawn with a telescope constructed by the famous optician, Alvan Clark, of Cambridge, Massachusetts. The dark parts are the seas, the light parts being land, or in some cases cloud or snow. But in these pictures most of the lighter portions represent land; for they have been seen often so shaped, whereas clouds, of course, would change in shape.

The planet Mars, like our earth, turns on its axis, so that it has day and night as we have. The length of its day is not very different from that of our own day. Our earth turns once on its axis in — but before reading on, try to complete this sentence for yourself. Every one knows that the earth's turning on its axis produces day and night, and nine persons out of ten, if asked how long the earth takes in turning round her axis, will answer, 24 hours; and if asked how many times she turns on her axis in a year, will say 365 times, or if disposed to be very exact, "about 365 1/4 times." But neither answer is correct. The earth turns on her axis about 366 1/4 times in each year, and each turning occupies 23 hours, 56 minutes and 4 seconds and 1 tenth of a second. We, taking the ordinary day as the time of a turning or rotation, lose count of one rotation each year. It is necessary to mention this, in order that when I tell you how long the day of Mars is, you may be able correctly to compare it with our own day. Mars, then, turns on his axis in 24 hours, 37 minutes, 22 seconds and 7 tenth-parts of a second. So that Mars requires 41 minutes, 18 seconds and 6-tenths of a second longer to turn his small body once round than our earth requires to turn round her much larger body. The common day of Mars is, however, only about 39 minutes longer than our common day.

Mars has a long year, taking no less than 687 of our days to complete his circuit round the sun, so that his year lasts only about one month and a half less than two of ours.

Like the earth, Mars has seasons, for his polar axis, like that of the earth, is slant, and at one part of his year brings his northern regions more fully into sunlight, at which time summer prevails there and winter in his southern regions; when at the opposite part of his year his southern regions are turned more fully sunward and have their summer, while winter prevails over his northern regions.

Around his poles, as around the earth's, there are great masses of ice, inasmuch that it is very doubtful whether any inhabitants of Mars have been able to penetrate to his poles, any more than Kane or Hayes or Nares or Parry, despite their courage and endurance, have been able to reach our northern pole, or Cook or Wilkes or James Ross our antarctic pole.

In the summer of either hemisphere of Mars, the north polar snows become greatly reduced in extent, as is natural, while in winter they reach to low latitudes, showing that in parts of the planet corresponding to the United States, or mid-Europe, as to latitude, bitter cold must prevail for several weeks in succession.—Prof. R. A. Proctor, St. Nicholas for November.

DIED.

In Bingham, October 28th, 1877, HARRIET A., wife of Charles H. Lashbrook, aged 37 years.

At Lehi, October 22, 1877, of old age, ELIZABETH, wife of Samuel Rolfe, aged 76 years.

Deceased joined the Church of Jesus Christ of Latter-day Saints in 1832, went through all the persecutions; emigrated to Utah in 1847, and died as she had lived a firm believer in the gospel of Christ.—Com.

At Logan City, Cache County, on the 11th inst., of diphtheria, ROBERT CARRIE GODFREY, infant son of Thomas and Ann Godfrey, aged 14 months.

Ogden Junction and Millennial Star, please copy.

In the 10th Ward, at 5 p. m. on the 24th inst., of old age, Mrs. SARAH MALIN, aged 74 years and 2 months.

In Payson, October 17, 1877, of diphtheria, MARY BARBARA, daughter of Mary Stahle and Ferdinand Oberhansli, aged 7 years, 5 months and 6 days.

At M Creek, Monday, Oct. 22, DANIEL JOHN MCALLISTER, aged 12 years, son of Daniel and Mary M. McAllister. Millennial Star, please copy.