

from which broke flat-topped icebergs 1,200 to 1,500 feet thick—may put to the test our glacial theory. The eminent scientists thought the government should grant £150,000 for the proposed expedition.

An ingenious waterfall for the theater stage, giving a truly magical effect when the electric light is thrown on it, has been brought out in Paris by M. Gallhard. It is made of tulle, which is stretched on frames imitating the curves of the cascades, and upon this, spray is thrown from behind by little streams of water discharged through perforated pipes against the metal plate.

A singular accident at Herne, Westphalia, resulted from administering chloroform near a gas jet. The burning gas decomposed the anæsthetic, with the evolution of chlorinated vapors, which incapacitated the two surgeons performing an operation, and resulted in the death of one of the nurses on the following day.

Slate finished to resemble fine black marble is a Belgium export. Slate suitable for the purpose is first polished with sandstone, then with artificial pumice stone, and finally with extremely fine natural pumice stone. This gives a soft velvet-like appearance. The surface is next heated, and covered with a mixture of oil and fine lampblack for twelve hours, the process being repeated until all greyness disappears. Polishing with emery on a linen rag follows, with final polishing with tin ashes and a little lampblack. The process is completed by coating for a little time the heated plate with a mixture of wax and turpentine, to which some lampblack has been added, and clean linen rag. The fine black surface can be etched, engraved, gilded and silvered like genuine marble, while the polish and color are claimed to be as brilliant and durable as those of the costlier material.

Moving pictures offer new possibilities in scientific instruction and entertainment. The cinematograph was successfully employed in following the recent solar eclipse, and M. Camille Flammarion has gone further by photographing the heavens at different times from sunset to sunrise, securing views by which the spectacle of the nightly passage of moon and stars may be shown on a screen in a few minutes. He proposes to photograph sun-spots, exhibited by their movement the rotation of the sun. The earth has not been forgotten, and remarkable pictures of it in motion have been obtained by rotating before a cinematograph a large model, illuminated by a lamp giving the effect of the sun.

A most impressive phenomenon seems to have escaped general notice. It is the earth's shadow in the sky, which, according to Prof. W. R. Brooks, of Geneva, N. Y., first becomes visible about half an hour after sunset, as a dark purplish haze on the eastern sky, and gradually rises until lost in the gloom of early night. The shadow, for cloud or haze, is seen equally well on the western sky before sunrise.

The latest X-ray sensation is the report from Havre of the cure in three sittings of a case of elephantiasis—or enormous enlargement—of the hand. e., about, p exportt

A new manure, suitable for grains of all kinds, is being made by a firm of German color-makers, already famous as producers of nitrogen and diphtheria anti-toxins. The new material is known as "allinit," and is a cream-white powder, having 2.5 per cent of the nitrogenous constituents, and found to be composed of spores of an organism belonging to the well known group of hay bacilli. This particular bacillus is to be called *Ellenbachensis alpha*.

It was discovered by Herr Caron, of Ellenbach, in the course of four years of investigation into the bacteria of different soils, and his experiments have shown a remarkable effect upon crops, from ground treated with pure culture of this bacillus.

An interesting method of measuring the diameter of the earth was lately described by Professor Porter, of the London Physical society. It consists in observing the shadow cast by the peak of Teneriffe upon the sea, and measuring the time that elapses between the moment when the apex of the shadow touches the sea horizon and the instant when it is eclipsed by the shadow of night. A phenomenon hitherto unnoticed is the shadow cast by the heated air rising from the peak, giving a faint oblique prolongation of the shadow of the apex.

IN THE EUROPEAN MISSION.

[Millennial Star, March 17, 1898.] Arrivals.—The following named missionaries from Zion arrived in Liverpool today per American line steamer *Belgenland*: For the German mission—Edward M. Ashton, Salt Lake City. For the British mission—Edward Rushton; Hunter; Charles Wolfenden, Beaver. The last named Elder is accompanied by his wife and two children.

Releases and Appointments.—Elder Robert Winn, of the Liverpool conference, and Elders Thomas W. Jones (Montpelier, Idaho), and David Rees of the Welsh conference, have been honorably released to return home March 24, 1898. Elder William McMillan, who was released to return on the 10th inst., will return on the 24th, he having remained to visit relatives.

Elder Thomas Leishman has been released from the Liverpool conference and appointed to labor in the Scottish conference.

Edward Rushton has been appointed to labor as a traveling Elder in the Birmingham conference.

Charles Wolfenden has been appointed to labor as a traveling Elder in the Leeds conference.

MILLARD COUNTY HAPPENINGS.

Fillmore, March 28, 1898.

Something of the old-time spirit of self-help has been shown during the last three months by the people of Hinckley precinct, located in the north-west section of Millard county, which deserves notice as a commendable example of united effort. The energetic citizens of that precinct wanted a bridge across the Sevier river, to save them about five miles of travel via Deseret to the depot at Oasis, and also to the firewood districts in the foothills; and of course they had an eye to business travel also. In mass meeting they appointed a bridge committee, consisting of Mahonri Bishop, J. C. Webb and Arthur Talbot. These men did not stand upon the dignity of appointment, but went to work like beavers, and, knowing the weak financial condition of the county, they modestly asked and obtained assistance from that source to the amount of \$100 worth of lumber. They now have in use a good, substantial bridge similar to that at Deseret, which cost the county something like \$1,400.

Hinckley has a population of 500 people, all farmers, and their quality may be judged by the above description of their works. When they want something they go to work with brain, muscle, and means and get it.

We continue to have our weekly snowstorms here, which keep the roads in bad condition and prevent anxious farmers from putting in their grain crops.

Last Monday Elders F. M. Lyman and J. G. Kimball arrived at Kanosh from Beaver county in a rough snow-storm; and on Tuesday, the 22nd, in the forenoon, they held meeting in that ward. The people turned out en masse to welcome them and attend the ordination of Elder C. F. Christensen (who for some months had been acting by appointment) as Bishop of the Kanosh ward, under the hands of Elder Lyman and the presidency of the Stake, with Jas. M. Gardner and Joseph M. Robison as his counselors. Then a six-mile drive through the mud and snow was had to Meadow, and a meeting was held at 2 p.m.; then another wallow through the mud was made, eight miles, to Fillmore, and on Wednesday evening meeting was held and both Elders addressed the congregation. Thursday morning Elder Kimball met with the Forty-second quorum of Seventies, and gave them much clear and pointed instruction as to their duties—afterwards coming on to Holden to continue the work. Elder Lyman remained, going around amongst old friends, and warming them up with a pleasant grip and words of counsel. Saturday morning the usual Priesthood meeting was held with Elder Lyman also present, and at 2 p.m. he met with the High Council in a lengthy session. Yesterday (Sunday) he attended Sunday school in the forenoon and at 2 p.m. he faced a well-filled meeting house, and for an hour and thirty minutes talked in that characteristic and logical manner upon the principles of the Gospel which sticks to people after they get out of meeting. Directly after the meeting he departed for Holden, ten muddy miles away, and held meeting in the evening at that place, and Monday will continue his journey towards Salt Lake.

It may interest some of your readers to know that the lady who a few years ago did considerable literary work in Utah of the initials of M. A. Y. G., has sold her property in this county and has left the State with her husband, Mr. Ernst, and in future will reside in California. A. B.

JOY IN THE GOSPEL.

A young sister from North Carolina writes:

Benaja, N. C., March 10, 1898. Nearly two years ago we were visited by Elders J. D. Kilpack and C. S. Carleton. They held several meetings in our midst and exhorted us to investigate the Gospel and know for ourselves whether or not it was true. I did so with full purpose of heart. When I believed it was true I fasted and prayed to God to open up the way that I might know of a surety. And after doing so for nine days and nights, the Lord condescended to reveal it unto me by a vision and said that if I would yield obedience to the Gospel and prove faithful until the end, I should be exalted in His kingdom, and if I rejected it I would be damned. In spite of my popularity, good name, and applause of the world, I yielded obedience to it and was baptized on Aug. 5th, 1897, by Elder J. D. Kilpack.

I am now sixteen years of age and can truly say that I have enjoyed the smiles and approbation of our Heavenly Father more than I did the applause of the world—yes, ten thousand times.

We have a good Sunday school and a church in this community. The church was completed Feb. 26th, and was dedicated the following Sabbath by Elders G. W. Bryan and Andrew Sproul, who visited us for twenty days.

Your sister in the Gospel,
VIRGINIA BRANN.
Benaja, N. C.

Truthful boys are the timber that great men are made of.