Something About Utah's Great Gypsum Deposits.

T IS a well known fact that nature has been exceedingly generous to our great state and has lavished upon Utah some of her choicest fifts in unstinted quantities. Just east of Sigurd, Sevier county, lies what is conceded, by the highest authorities, to be the largest and most valuable gyp-sum deposit in the United States, if the work of this concerts the world. In the United States, if the world is a support of this not in the world. In support of this fact a quotation is herewith given from Dr. James E. Talmage, who recently examined these beds for the company owning them., He says: "Extensive outcrops of gypsum occur on all of the claims comprised within the company's As to quantity of material of intes. As to quantity of matched of known occurrence, no aggregate amount can be given without accurate measurement of the numerous and col-ossal outcrops in their entirety. By way of illustration the following data is submitted: A ridge of gypsum occurs approximately 600 feet long, averaging 100 feet high and 25 feet wide, these dimensions apply to the actual expos-ure, the material being wholly above the eroded surface. (See accompanying photograph No. 2.) Within the lines of these measurements alone there are 107,674 tons of gypsum, another ex-posure 800 feet long, 100 feet wide, with an average height of 50 feet. This ridge contains 287,132 tons of gypsum above ground. (See accompanying photo-graph No. 1.) These quantitles togeth-er represent less than a tenth of the available gypsum actually outcropping within the limits of the company's claims. As to quantity, therefore, the material actually in sight and immedi-ately accessible, amounts to millions of tons. It appears to me most advisable to begin the work of evasum mining occurrence, no aggregate ately accessible, amounts to millions of tons. It appears to me most advisable to begin the work of gypsum mining on a commercial scale at the place of the small excavation already made at the ridge referred to. (See photograph No. 1.) This outcrop is of excellent quality of material; it is as conveni-ently accessible as any within com-pany's lines: practically no stripping of entry accessible as any within com-pany's lines; practically no stripping of surface material is required to reach the solid, compact, rock-gypsum; and the quantity in this ridge alone in-sures an abundant mill supply for years to come "

the quantity in this ridge alone in-suces an abundant mill supply for years to come." Mr. W. J. Ehrsam, another acknowl-edged authority on gypsum products and placed in operation two-thirds of the mills in the United States made a visit to these gypsum beds for the purpose of determining whether or not it would be profitable to put in a plaster mill, and after he had made a careful investigation be became much impressed with the outlook and many advantages that would accrue to the ormpany in placing a mill on this prop-erty. He said: "There is enough typsum he company is placing a mill on this prop-erty. He said: "There is enough typsum for the net ledge on which the company is now working to keep the mill run-ning at the rate of 100 tons per day for the next 25 years. I have been looking for the greatest gypsum beds in the country and I think I have found them in this county. I may say at least, that it is the greatest deposit that I have ever seen, and I have seen many. In my estimation there is enough symptum on the company's holdings to sumply the world for a century. This valley will probably become one of the world greatest plaster centers, the sit ustion of the property is good and it will make a solid plaster." It will be seen from the foregoing thy the company is unlimited. The com-pany has taken a great deal of pains to make every test of gypsum not as the state of Utah; and every test and pany has taken a great deal of pains to determine its quality and has had it analyzed by the best chemistis in the state of Utah; and every test and pany has taken a great deal of pains to determine its quality and has had it analyzed by the best chemistis in the state of Utah; and every test and pany has taken a preat deal of pains to determine its quality and has had it analyzed by the best chemistis in the state of Utah; and every test and pany has taken a preat deal of pains to determine its quality and has had it analyzed by the best of the com-pany has taken a preat deal of pains to determine its qualit

PSUM RIDGE ON CLAIM NO24

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Trownd the World With the Fleet

The Official Itinerary of the Voyage and Some Account of the Places of Interest at Which Calls Will Be Made.



It Is Expected That the Great Armada Will Return to the Point of Starting on Washington's Birthday. A A A



GYPSUM RIDGE. Showing Excavation known as Long Tonnel, Looking Worther ast

the which Rear Admiral Evans took around the tip end of South America from Hampton Roads to the Golden Gate will depart from San Francisco harbor July 7, the very day which the Democratic national vention meets in Denver. The fleet is going to return east by way of the west. In other words, it will encircle the globe before it swings into Hampton Roads again on Washington's birthday next year. That is the date selected by the navy department for the homecoming of the globe girdling dogs of war on their present mission of peace. Should all go well, as every good American hopes and trusts, the fleet will have sailed in its fourteen months of cruising approximately 42,-500 miles, or nearly as far as twice around the earth. In language strictly American, even as much so as the fleet, its officers and men, that will be going

Two world's naval records will be Two world's naval records will be smashed by the fleet in this unprece-dented cruise. In addition to the ag-gregate miles sailed, the fleet proposes to prove that it has an easy steaming radius for practical work of at least 8,850 miles, that being the distance between happy Honolulu, Hawali, and awe inspiring Auckland, New Zealand, The battleships are scheduled to make this run without replenishing their coal bunkers. No warship ever yet sailed from Honolulu to Auckland or any similar distance without stopping to coal. No American doubts that our war vessels will be able to perform that feat, since the navy department has said so. The remarkably success-ful cruise around to San Francisco under Admiral Evans, with Admiral Thomas as substitute commander toward the end of the trip while "Fighting Bob" was fighting rheumatism at Paso Robies hot springs, is evidence of the fact that this great fleet can do any tricks expected of it. Nobody now presumes to smile when the American navy is mentioned. Most people yell, or feel like it.

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The official itinerary of the fleet on the rest of its around the world cruise reads thus: Leave San Francisco July 7: arrive Honolulu July 16, remaining seven days; arrive Auckland Aug. 9, remaining six days; arrive Sydney, Ned South Wales, Aug. 20, remaining seven days; arrive Melbourne, Victoria, Aug. 29, remaining seven days; arrive Albany, Western Australia, for coal, 11, remaining six days; arrive Philippine Islands Oct. 1, remaining e days; arrive Yokohama, Japan,

NDER command of Rear Ad- | Filipino brethren get acquainted with miral Charles Stillman Sperry the great battleship fiest which Rear Admiral Evans had in Magdalena bay, on coast of Lower California. Mexico, on

the way up to the Golden Gate. The fleet is to begin the homeward voyage by way of the Suez canal about Dec. 1. On the home stretch there will be stops at Singapore, Colombo, Suez, Malta and several of the Mediterranean ports which are to be visited by tions of the fleet. Then the big ships will come straight back home to Hampton Roads and get the barnacles off their bottoms, while the 15,000 men aboard, more or less, will engage in a contest with each other for immediate shore leave so that they may tell their folks and the rest of the folks in the home town all about the marvels they have seen on the world voyage. That there will be wonders enough to

keep every man Jack talking until he grows gray is not to be doubted for an instant. Every man who makes this trip will be the envy of every man

In the navy who is not privileged to go with the fleet. Forty years from now, even fifty years, there will be old men in American towns and villages who will entertain their grandchildren their great-grandchildren, not speak of the crowd at the postoffice and the corner store, how they went around the world by water in the his-toric fleet voyage of 1907-9 and what they did, saw, heard and imagined. Already they have gone ashore at several South American ports, discoverwonderfully up to date cities in southern neighbor republics, and they have been feted, feasted and favored from San Diego all the way up coast to San Francisco, including the Los An-geles, Santa Barbara and other ex-periences wherein the American sailor was the biggest man present and everybody else looked like a third rater or a has been.

Of course that week in Honolulu harbor will be fraught with thrills. What with Kanaka maidens bedecked with blossom wreath and the beauty of bare feet, sighing soft nothings in a siren tongue, and with drinking and feasting in the native fashion, and with bands and banners and bananas, the American jack tar of the president's navee will have one of the times of his life. But Honolulu is a part of America, it is home territory, so it is just as well to pass that, as well as the Philippines, which likewise are United States, and ve an inkling of the sights to be seen in truly foreign ports. Of these the Australasian cities are perhaps the most interesting, because they are the least known to the American seamen of the navy.

Copyright, 1805, by Underwood & Underwood, New York. ADMIRAL RAWSON, GOVERNOR GENERAL OF NEW SOUTH WALES, AND HIS DAUGHTER. WHO WILL WELCOME THE FLEET TO SYDNEY.

extinct-volcano. The center of the | waves hiss against the sides of the | overtopping the town, whence one sees

Construct for the proving of the first squadron will go to Manila, rejoining the third for the project of Manila, rejoining the third for the project of the benefit of all the project between the solution will go to Manila, rejoining the third for the benefit of all the project between the solution will go to Manila, rejoining the third for the benefit of all the project between the solution will go to Manila, rejoining the third for the benefit of all the project between the solution will go to Manila, rejoining the third for the benefit of all the project between the solution will go to Manila, rejoining the the solution of the solution will go to Manila, rejoining the third for the benefit of all the project between the solution of the solution the solution will go to Manila, rejoining the the solution for the benefit of all the project between the solution of the solution the solution will go to Manila, rejoining the the solution of the solution the solution will go to Manila, rejoining the third for the benefit of all the project between the solution of the solution the solution will go to Manila, rejoining the the solution of the solution the solution the solution will go to Manila and its vicinity the ships will remain nearly a month, letting our the solution the s

more than half a million of people and | with the United States leads that with is growing as rapidly as a boom town all other nations. Amoy is the place in a new American state. Sydney folk from which we get our Chinese tea. dress like Americans rather than Eng-lishmen, and the city absorbs suburbs from time to time just like the "Great-er" American citles. The Sydney harbor is landlocked, with 165 miles of wa-ter line, with numerous islands, coves, States.

bays, headlands, inlets and rivers. It is said that all the navies of the world could ride at anchor in that harbor quite safe to say that the section of the American navy which will spend a week there in August will worken a distinctly visible to the naked eye. Sydney is built of brick and yellow stone. Some of the government buildings are as beautiful as any in the world, excepting always the capitol and the library of congress at Washington.

1. 11 Melbourne is the next Australian port and Melbourne the London and Liverpool of Australia. Melbourne also has a population of more than half a million. The federal parliament house in Melbourne has the largest hall in the world, and the city has the biggest ballroom on earth and the best appointed race course on this mundane sphere. The good old summer time in Melbourne falls in December, Janu-ary and February, our winter months, so that the American seamen, who are be there in late August and early September, will not swelter in the 130 to 140 degrees of heat which sometimes causes discomfort to visitors. Being on the opposite side of the earth from us, Melbourne and other Australian cities have a reversed almanac. They have also a different sky view, with their own private stars and constella-tions. Seamen of an astronomical turn will miss our Great Dipper if they happen to look up at night. The chances are that the electric lights of Sydney and Melbourne will dazzle them suffi-

ciently, for both cities are brilliantly illuminated.

The fortified port of Albany, the third Australian stopping place of the fleet, is a small town of three or four thousand people. It is situated on King George's sound, and the harbor is one of the finest in the island continent. Albany has a big coaling depot, which explains the six days' stop of our fleet. The sallors will be so busy coaling up The ships that the smallness of the town will not distress them. There is a United States consul at Albany, who probably is lonesome and will be glad

to greet the visitors from home. One of the highly interesting points

When the Panama canal is finished, Amoy very probably will be the most important port in China as to com-mercial relations with the United ROBERTUS LOVE.

FIRST PHILIPPINE ASSEMBLY.

The assembly knows that the people are watching and criticising it. that it must share the responsibility for success or failure and that the Americanos can no longer be entirely blamed for whatever goes wrong. The members know that back in their districts are a number of ambitious and aspiring politicians who are eagerly seeking an opportunity to oust them and get their seats. A new element has been injected into the insular political game from the standpoint of the local politician, and a new interest is

to be visited. It is some 500 miles from attracting the voter and diverting him Sydney. Somebody has called Sydney from the illusory idea of abstract independence. Regarded purely as a political move, in the narrow sense of the term, the creation of the assembly is the eleverest action Uncle Sam has vet taken here.

There are not lacking those who at-tribute the good showing that the assembly has made so far to the uncertainty of its members as to its powers and limitations and their lack of fa-miliarity with the roles they have been suddenly called upon to assume and who predict that the present be havior will not long continue. "Wait until about the third session and you will see," is a remark frequently heard among Americans in the islands.

As to this one would hardly care to prophesy. It is perhaps too soon to judge the Philippine assembly and estimate its ultimate value to the is-lands and people, but already certain tendencies may be observed, and there is no doubt that a good beginning has been made

ABOUT THE BODY.

At the birth the back has only a third of its subsequent length, the leg a fifth and the arm a fourth. The average length of a newborn child is about nincteen and a half inches.

Extraordinary beliefs exist as to the size of the organs of the human body. Many people imagine that their heart must be about the same size as that of an ox; but, as a matter of fact,

In every eye there is a blind spot. It is at the back of the eyeball, just where One of the highly interesting points to be touched at by the fleet is Amoy, it may be discovered by drawing a tiny which is a treaty port of China. For six days the Americans will have op-in front of the eye till you find the one