

## MAP OF UNITED STATES.

Sixteen Feet by Eleven; to be Made for Geological Society.

It will not be long before we shall be able to obtain the largest map of our country ever produced on a uniform scale. The topographic map of the United States on which the geological survey has long been engaged, and will be for years to come, is on scales from 7 to 16 times as large as that of the map referred to; but the topographic mapping of our vast territory will not be completed for many years, and three scales are being used, so that it will never serve the purposes of a uniform map of the whole country. The new map, on the other hand, may be suspended on walls that have room enough for a decoration about 16 feet in width and of proportional height.

In other words, this new map, showing the whole country from Maine to California, will be about 16 feet wide and ten or 11 feet in height. It will be a government publication; and it is prepared under the direction of Mr. Henry Gannett, the geographer of the United States geological survey, in the house of the survey at Washington.

The latest Bulletin of the American Geographical society contains a small map showing the progress that has been made in the preparation of this important cartographic product. The parts of the map thus far drawn and ready to be engraved cover about one-third of the entire country. They include the whole of Virginia, West Virginia, Maryland, Delaware, the Indian Territory, Oklahoma, Kansas, Nebraska, New Mexico, Arizona, Colorado, Wyoming, Utah, the western half of South Dakota and parts of California.

The sheets of the entire eastern part of the country are now in progress. The map will show contours of elevation so that we shall be able to recognize the surface forms of the country on a scale so large that we may derive a more distinct and definite idea of them than when they are huddled together on the small scale maps commonly in use.

This great map is drawn on a scale of 1:1,000,000, or, in other words, an inch on the map will represent about 15.8 miles in nature. It is not a very large scale, and in fact most of the European countries are mapped on a far larger scale, but our country is so vast that a map of the whole of it intended to be hung on a wall, is not likely to be represented on a scale larger than 15.8 miles to an inch.

The scale is large enough to show every town of much importance, practically the entire railroad system, all the drainage features, the head of navigation on the rivers, the figures for many hundreds of heights above sea level, and a great deal of other information that is sparsely represented, if at all, on our ordinary maps. It is expected to be the best map of our land on which we may study the country as a whole.

The map will have another advantage. It is on the same scale as maps of large parts of Asia and Africa that the official cartographers of France, England and Germany are now producing. It will, in fact, form part of the great map of the world on the scale of 1:1,000,000 which

the last four International geographical congress have recommended should be carried out by the civilized nations.

This large undertaking is considerably advanced, and it is now making progress faster than heretofore. One of the advantages which the map will give us is that we shall be able, for the first time, directly to compare distant parts of the earth's surface with one another. We have all seen maps of the Japanese-Russian war, but how many of us have any idea of the extent of country that was overrun by the Japanese armies? We might easily make the comparison if this map of the world were completed, for we should simply place some of the sheets of eastern Asia beside sheets of the United States.

The work bids fair to go on rapidly in

## MOONLIGHT GOLF CONTEST

(Concluded from page one)

directly in the center of the course, nearly a hundred and eighty yards away, with Jolly's caddie several yards off and at the right of the course. Jolly was away and his second placed him on the edge of the trap which Donald cleared, landing close to the green. Jolly made a fine approach on his third, Donald going a trifle beyond the hole. Two putts for each and the hole was halved in five.

The play of the first hole with slight modifications, was the play of the match. Neither player, apparently, had any difficulty in keeping in the course and they played the game just as they would play

anxious to do its part in keeping up the reputation of the pond so thoroughly and brilliantly established by Captain G. Lee Knight during the monkey tournament. It had, accordingly, taken the exact position necessary to throw the shadows of the player directly upon the ball, but after considerable maneuvering, Donald solved the problem and sent the ball screaming up the hill, Jolly following close after.

Donald took the tenth, five-six, halved the eleventh in four, won the twelfth, five-six, halved the thirteenth in four, winning the match five up and four to play with a halve in six, on the fourteenth.

The remaining holes were played for the medal play score the players dividing honors with two halved holes and two wins and twenty-two strokes each. The cards:

| OUT   |                         |
|-------|-------------------------|
| Ross  | 5 5 4 5 4 5 5 4 5-42    |
| Jolly | 5 4 4 6 4 6 5 5 6-45    |
| IN    |                         |
| Ross  | 5 4 5 4 6 4 7 4 7-46-88 |
| Jolly | 6 4 6 4 6 4 8 4 6-48-93 |



One thing the match demonstrated very conclusively, was that in this section, where moonlight is far more brilliant than elsewhere, moonlight golf is not only feasible, but in many ways, practical. The match was in regular form and no variations from daylight rules was made except four fore caddies were used, being stationed on either side of the course, in order that they might hear the balls drop on the long shots, and locate them without delay.

In this connection it is only fair to state, however, that these fore caddies were principally to facilitate matters, and that the balls could have been readily found in the usual way. It is also trite to mention the fact that the manner which Caddie Master Hill handled this part of the program attracted favorable comment from all. In the majority of cases the balls were located immediately and in no instance was more than two minutes required in the search. What is more remarkable, not a single ball was lost and the round was completed in a trifle over two hours.

The big gallery which followed the match from start to finish, numbered nearly two hundred people, many of whom were assembled for the start, and it was gradually augmented all the way to the pond hole. It is, perhaps, needless to add that everybody followed until the last hole was played. The novelty and interest, the strangeness and fascination, and the beauty of the night, made the occasion one of rare enjoyment which has led to a general expression of the hope that events of a like character may not be of uncommon occurrence in future. In the big company which enjoyed the evening, were old and young, men and women, golfers and non-golfers, all entering into the spirit of the occasion with a joy which was contagious.



## Catholic Services.

Mass will be said in Village Hall every first and third Sunday at six a. m. by Rev. Father Cavanaugh.



FRANK PRESBREY, PRESIDENT OF THE AMERICAN GOLF ASSOCIATION OF ADVERTISING INTERESTS.

the western world. The Canadian department of the interior has charge of the production of a map of Canada on the desired scale. Our geological survey has taken steps to induce the south American republics to prepare maps of their respective countries on the uniform scale; and the next map we make of the Philippines is to be on the same scale. These enterprises afford an important contribution to the production of the world map on a uniform scale.

## Citizens National Bank.

of Raleigh, N. C.

(The only National Bank in the City) offers its services to residents and visitors.

Capital - - - \$100,000.00  
Surplus - - - \$100,000.00  
Assets - - - \$1,400,000.00

Joseph G. Brown, President  
Henry E. Litchford, Cashier.

it in daylight, with the exception that they were sacrificing distance to accuracy in driving. Little or no difficulty was experienced upon the shorter iron shots and the gallery was able to follow these and the match, almost as readily as in daylight.

But when it came to putting it was a different story, the weird shadows making it almost impossible to line the ball, and often the players own shadows so covered the hole that they could not see where to aim. But for the trouble experienced here the medal play scores would have been six or eight and, possibly, ten or twelve strokes lower.

At the turn Donald was three up with the honor for the drive across the pond. The moon which had up to this point, seemed willing to oblige everywhere but upon the putting greens, was, apparently,