

NEW U. S. MAP BEING PREPARED

Will Be Result of New System of Cartography and Years of Labor

WASHINGTON, Oct. 4.—Uncle Sam is slowly progressing on a new map of the country, to be a part of a new world map, based upon a simple system proposed by American representatives in 1908, and accepted at international conferences. It will be the result of years of effort by map makers who have desired a system of cartography whereby the same scale of distances could be used in a world map, with lettering and symbols uniform. The American map is expected to be completed in ten or twelve years.

Each country will map the territories and waters under its own jurisdiction, and the geological survey of the United States interior department is making the maps of this country.

The globe is to be divided into 1642 sections. Each section is designated by a distinctive letter and number combination in addition to a name derived from the locality mapped. Each sheet, covering one section, will cover six degrees of longitude and four degrees of latitude. The sheets are numbered from one to 60, beginning the eastward; and are lettered from A to V, and girdling the globe to the equator as a starting point. The north and south polar regions are to be shown in circular sections on the 88th parallel of latitude, and lettered Z-north and Z-south.

The main purpose of the international map, which will be drawn on the scale of one to one-millionth, is to furnish a complete world map of uniform drawing, thus obviating different scales of distances, and to enable map makers and readers of every country to understand the maps of every other, even though they do not understand the outlines of land and water, with depths of water and heights of land; streams and river systems, or drainage, in the map maker's parlance, roads, rail and trolley lines, towns and cities, and contours.

While the scale, which is approximately 16 miles to the inch, will allow of very inclusive work, many details of small towns and streams will be omitted.

To show heights and depths, a scheme of isometric colors has been adopted. This will grade from a very light green, for shallow waters, to the familiar tints of deep blue, for the increasing depths of seas; and from light yellow, for low countries and valleys, to a deep brown red for heights. Contours will be shown in sharp black lines, at intervals of 100 metres. The metric system was adopted for all numerals, and high points, peaks and mountains will be shown in the color of that feature, to obviate confusion.

The projection is based upon a modified polyconic system, wherein meridians of longitude are all in straight lines. The lines of latitude will be only slightly curving on each sheet, because of the large scale. The system is of advantage in the adjustment of adjoining sheets.

As many political boundaries will be shown as the density of the data included permits. For instance, the map of the United States will show state, county, reservation, land grant, and other land office lines. The control, that is, positions determined astronomically and by triangulation, to insure accuracy, drainage, including rivers, streams, creeks, swamps, canals and other water bodies, and culture, that is, towns, cities, railways, roads and highways, all constitute a "base map," which is compiled as the first step in the work and which will be made available by the survey for state and other maps. The completed map, in size about 30 by 20 inches, is copper engraved in the most delicate and strong detail, and will be available at the survey. It is reduced in size to form a scale of eight miles to the inch. The production is by photolithography.

The sections thus far completed have required six months to compile. The work, however, for lack of extra appropriation, is being done concurrently with other map work. It is estimated that the cost for the international map will be from \$15 to \$35 per thousand square miles of area. The survey, desirous of having the most accurate and up to date data upon the map, gathers the

Starts Young



Though Babe Bath's daughter, Dorothy, is only 14 months old, she's already walking in the footsteps of her daddy, the king of swat, as this picture shows.

and does not consider an area completed until every source of information has been drawn upon. These include: the survey's regular information gathered in the making of the national topographic map, which was started 20 years ago, other governmental map sections, state and county maps, private maps and army and navy charts.

The details of the international map were accepted by nine world powers at conferences in 1909 and 1913. While it is popularly known as the one-millionth map of the world, its correct title is The International Map of the World on the Scale of 1:1,500,000.

American Legion News

NEW ORLEANS, Oct. 3.—Thousands of ex-service men are expected to attend the American Legion National convention in New Orleans, October 16-20th, as a result of the announcement of a railroad rate of one fare for the round trip.

Announcement of the reduced rate was made by E. A. Slamon, chairman of the legion's national transportation committee. The rate has been accepted as official by Hanford MacNider, Legion National commander.

The reduced fare, which will be effective on all railroads, will apply to members of the American Legion, and its auxiliary, widows, or deceased members of the legion and to delegates in the convention of the inter-allied veterans' federations which will be held the week before the legion gathering.

Legion convention officials estimate that a crowd of 100,000 visitors will attend the national gathering as a result of the fare reduction. Several thousand legionnaires are also expected to take advantage of the fifty per cent reduction granted on all vessels of the United States shipping board.

The railroad rate table based on the reduced fare shows that those in Oregon contemplating attending the convention, will pay \$98.53 for fare from Portland, Oregon to New Orleans, La., and return.

In these days of modern improvements it is certainly refreshing to run across a roller towel occasionally.—Pacific Legion.

Wives of congressional medal of honor men have been invited to accompany their husbands to the American legion national convention in New Orleans in October. Their expenses will be paid by the legion convention committee.

"The Storm" is here! 3-4

MODERN FARMING METHODS TRIPLE ARMENIA'S CROPS

ALEXANDROPOL, Armenia, Oct. 4.—Twenty-two American tractors, imported by the Near East Relief commission, have ploughed 2,000 acres and produced 20 bushels of barley per acre, against ten bushels per acre the result of native methods which called for 500 men and 1,500 oxen on the same job.

Professor Hartill, of the New York Institute of Agriculture, directed this experiment in order to prove to the Armenian agriculturists the advantage of American farm machinery. Professor Hartill estimates that the cereal production of Armenia can be increased 300 per cent by the use of modern methods.

BEILIS FINDS HAPPINESS AFTER YEARS OF SUFFERING



MENDEL BEILIS

By JOHN O'DONNELL

NEW YORK, Oct. 3.—Nine years ago Mendel Beilis was an international figure. The attention of the world was centered on the Jew brickmaker of Kiev, charged with murder committed for the purpose of securing Christian blood for Jewish ritual.

Today, Beilis is running a small printing shop on the east side here, living obscurely with his wife and four children. Publicity does not attract him.

"Ah, they have offered me \$50,000 to go on a lecture tour—to make a monkey of myself," said Beilis. "I would not take it. Twenty weeks lecturing for \$50,000. No, I do not like it. I shall work in my printing shop by days and here in the evening I am writing the story of my life. It is enough."

Beilis is 50, of medium height and thick set. Iron-gray hair, heavy spectacles and closely trimmed beard give him the appearance of a professor in a German university.

He spoke in Yiddish. The English language has been too difficult for him to master during his 15 months in America.

His children were gathered around him in the dining room of the apartment house on Faile street last night when he rehearsed the story of his days when he stood trial for the murder of 13-year-old Andruchi Yashinsky.

Against Beilis, the only Jew in the community of 10,000 Christians the agents of the czar argued the medieval superstition—that Christian blood was used in Jewish rituals.

"It was the great protest of America and England that saved me," Beilis exclaimed. "I was freed and later the Bolsheviks—did you know

this?—the Bolsheviks took that girl Vera Cheberiak who testified against me when she was an actual accomplice in the murder—took her out and shot her with the other two murderers.

"After my acquittal I went to Palestine. My health was bad because of my long months in prison. Then the Revolution came. I had 13,000 rubles saved under the old government which I never got. I lived there in Jaffa until my money gave out and then came to America.

"America! It was like God saying, 'Let there be light.' All had been darkness and chaos for me. In America light and order."

"The Storm" is here! 3-4

WAR INDICTMENT QUASHED

NEW YORK, Oct. 4.—A war time indictment charging Jeremiah A. O'Leary, former editor of "Hull," and a number of others with conspiracy to commit treason and conspiracy to obstruct recruiting, was quashed by Federal Judge Foster today on motion of Assistant United States District Attorney Joyce.

Wise buyers purchase Victor records almost exclusively. 6-7

"The Storm" is here! 3-4

Personal Mention

Leo Houston was a member of a hunting party which returned yesterday after a successful hunt.

Dr. H. B. Mallett has returned from Lakeview where he has been for the past several months.

Wm. M. Bray, head of the Oakkosh Land & Timber company, arrived here by motor Monday night from Oakkosh after a cross country drive of 3,000 miles. Bray drove a nearly 3,000 miles. Bray drove a Cadillac "eight." He was accompanied by employees of the company.

The largest buck seen here this year was shot by Byron Hardenbrook who, with H. D. L. Stewart, returned last night from a hunting trip of six days in the Barnes valley region. Those who have viewed the buck, a four-pointer, pronounced it one of the largest ever shot in Klamath county. "One had to look twice to see it all," said Fred Fleet, who has the deer in the cold storage plant. Dr. Stewart was almost equally fortunate, bringing in a three-pointer.

COLORADO DAM SITES SURVEYED BY U. S.

PASADENA, Cal., Oct. 4.—Four sites for a flood control dam on the Colorado river were surveyed by a party of eleven headed by Arthur P. Davis, director of the United States Reclamation service, and engineered by E. C. LeRue of this city, federal geological engineer and one of the best versed men on Colorado river conditions. The party included Utah and Arizona representatives. Following this survey trip Engineer La Rue arranged for taking an Arizona commission party down the Colorado, starting October 5.

ANOTHER BIG CUCUMBER

Here's another of those wonderful Klamath cucumbers, this one grown by Jeff Johnson, Merrill road. It weighs three and one-half pounds and is 12 1/2 inches long by 1 1/2 inches in circumference. It is on exhibition at the public market.

GRAPE CROP THREATENED

SAN FRANCISCO, Oct. 4.—Approximately one-half of California's \$25,000 wine grape crop is near destruction as a result of failure of shipping facilities and there is little hope of saving it, President Sheehan of the grape growers' exchange announced.

Herald classified ads pay you.

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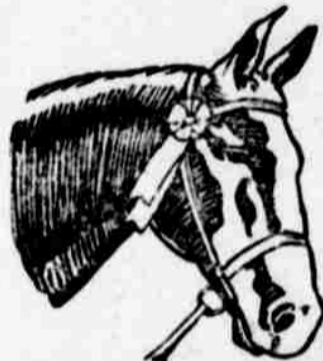
Yip!----Yip!----Yip!

We're Off

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CALIFORNIA BANKERS TO TRY HAND AT FISHING

DEL MONTE, Cal., Oct. 4.—Hunting and fishing trips are on the program of the eleventh annual convention of the Investment Bankers' association of America to be held here Oct. 9-10. There is hunting and fishing in plenty around the San Francisco section and for those who want to try for steel head a side-trip to the Klamath river has been arranged.



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