

# The Coconino Sun

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## GERMANY VS AMERICA.

Two Great Nations Compete at the World's Fair for Supremacy in the Science of Forestry.

The United States government, contrary to all precedent, will participate in a competitive exhibit at the World's Fair in St. Louis. Uncle Sam will have for his rival the German Empire. Which nation's methods of forest management is best and most practical is the problem to be solved by actual demonstration.

Two tracts of land, already partially covered with trees, and each about five acres in extent, have been assigned to the United States and German Governments, as the laboratory for their tests. The two lie side by side, so that the visitor may walk through what the Americans call an "arborium," and observe all American methods of forestry, and then step across into what the German designates as a "forest garden" and learn the German method.

No trees will be cut from either tract. Rather transplanting will be resorted to and when the Exposition opens miniature forests, perfect in every detail, with narrow gravel walks winding in and out, may be seen. Every tree that thrives in the latitude of St. Louis will be represented and the specimen can be easily designated. Attached to each tree will be an aluminum label on which will be stamped the botanical and common names.

In one respect the exhibits will be the same. Each display will embrace practically the same number of trees and they will be practically of the same varieties. Here all similarity ceases. The treatment will accord with the practices in vogue in the respective countries. In the American Arborium the trees will be planted, trained and pruned and treated according to the American idea.

In the German forest garden will be reproduced, in the miniature, the effects that obtain in the forests of the Fatherland, and the story of how the wonderful forests of that wonderful country have been preserved through ages, and renewed from time to time, will be told by practical demonstrations.

The exhibits will be in charge of the most expert foresters to be found in the two countries. Interest will not center in the exhibits merely because they represent all that is best in the forestry of both countries, but because of the practical demonstrations and tests that will be made every day of the Exposition. Trees will be transplanted and the most approved apparatus for this work will be shown in actual operation. Trees will be pruned and trained, and all the implements used will be a part of the exhibit. Trees will be inoculated with disease, and when the disease is fully developed the most approved treatment will be accorded the affected trees. Careful data will be kept on all such experiments and the results will be made known, together with a full description of the treatment in order that the preservation of the forests may be accomplished.

Forests probably have more deadly foes in the insect world than they have in the ax of the woodman, and far more difficult to circumvent. This

will afford an exhibit of exceptional interest. Collections of the insect enemies to trees will be gathered and kept carefully isolated. On occasions best adapted to experiments that will reveal all of the effects of the destroying powers of the insect, and the efficacy of the treatment to be given, the insects will be released and permitted to attack the trees. Then sprays, washes and other treatments will be resorted to. Some valuable experiments will be made every day and full details may be had of the process and results.

Much rivalry exists between the German and American foresters and each class will do all in their power to prove that their methods are the best.

### Traffic is Heavy.

The S. F. P. & P. railroad reports an unusually heavy freight business at present. In fact it is so heavy that it taxes the motive power of the road to its utmost to move it. The company has just purchased and received an engine from the Southern California road which will be rebuilt in the Prescott shops and will be placed in service on the Phoenix and Eastern road where the grade is light. The engine is a small one and is not adapted to work on the heavy mountain grades. The three new engines ordered from the Brookes locomotive works several months ago are due to leave Dunkirk about October 20. They will be used in passenger service exclusively as their boilers are larger, and consequently contain greater steam capacity, and the drive wheels are much larger than those now in use on the road making them adapted to faster running as well as possessing good pulling capacity as well. All the engines on the road are from the Brookes works. The new ones have several late improvements.—Journal-Miner.

### The Peso Goes Up.

The El Paso Herald says: "The customs collector this morning received the United States government's valuation on the Mexican dollar for all official business for the next three months beginning tomorrow and it shows quite an improvement over the last quarter's quotation.

The peso is quoted at 44 cents and three mills, which is higher than it has been quoted for years. Last quarter's quotation was a record breaker for a long time past and it only placed the value at 41 cents and 8 mills."

### Home From Mexico.

S. Barron returned Sunday from the City of Mexico where he had spent about six weeks visiting, etc. Mr. Barron reports a very pleasant trip and brought home with him a number of interesting curios. He has on exhibition in his shop window a big Mexican sombrero, mantillas, a blanket of fine texture and beautiful design and other articles incidental to the big republic south of the Rio Grande.

### Has Local Color.

Funny how small positions sometimes cause a bad case of "swell-head" isn't it? A civil answer costs little, but wins you friends. It pays in more ways than one to be polite—especially if you come in contact with the public. It is the true stamp of the gentleman or gentlewoman.

## AUTO LINE OPENED.

A Progressive Searchlight, Nevada, Man Opens an Automobile Line to Manvel—Twenty-six Miles.

As an automobile line from Flagstaff to Grand Canyon is a talked of possibility of the near future, we print the following concerning the trial trip of the automobile from Manvel to Searchlight. The Searchlight says: "The run was made under the most unfavorable conditions. The heaviest rain and hail of the season was encountered and it is doubtful if the roads were ever, or ever will be again, in such bad condition. The only accidents were those which might naturally be expected. Minor breakdowns occurred and owing to their newness the friction clutches did not work smoothly.

The party left Manvel at 11:30 a. m. Simultaneously with the start the storm began. Twice during the run to Harland's well the starting chain gave way, but for the most part the machine behaved well and bowled along at 15 miles an hour. The twelve miles to the well were covered in 40 minutes actual time.

Leaving the well the four miles to Black Point were quickly covered and then the real troubles began. Ordinarily the ten miles from the point into Searchlight is the best part of the road, but on Wednesday the storm had played havoc and it was practically impassable. At this time the hill climber refused to work and the high speed clutch had to be resorted to. The result was that the gearings and friction clutches became hot and frequent halts had to be made in order to let them cool. It took over three hours to cross the mesa and Searchlight was not reached until after 5 o'clock.

The trip demonstrated that the machine when in good working order will have no difficulty in making the run in two hours. Mr. Perew intends running regularly on train days between Searchlight and Manvel. His machine is a handsome Haynes-Apperson automobile. It will carry nine passengers and is equipped with a two-wheel trailer which has a capacity of 1200 pounds. A special 16-h. p. gasoline engine furnished the motive power."

### Judge Sloan New East.

Judge R. E. Sloan left Friday of last week for Chicago and Detroit on a business trip and will probably be absent about two weeks.

Court will convene at Holbrook, Navajocounty, on Wednesday, October 21th. It is not likely that a session of court will be held at St. Johns, Apache county until next April, as officials of that county requested the Judge not to hold a term of court this fall on account of little or no court business.

### Good Work for Stockmen.

The operation of the new stock law is interesting to our stock owners. The law is being enforced in this county and its results are proving beneficial to the honest stock raiser. Last week the question of the ownership of a number of head of cattle was settled in Justice of the Peace Quinlan's court. The district attorney, Edward M. Doe is prosecuting vigorously, every infraction of the law in regard

to cattle stealing and illegal branding, and if the course he has adopted is pursued he will, with the assistance of the law abiding citizens, put a stop to the loss suffered by our stockmen from the depredations made by men who use the branding iron to freely. This business has been going on for years and it seems to be the mission of the present officials to put a stop to it, and they should have the active support of every good citizen in their efforts to enforce the law.

## THE BEET SUGAR FACTORY.

The Eastern Sugar Company Rapidly Getting Ready for Business.

The giant iron skeleton of the beet sugar factory is looming up more and more every day. Persons going from Phoenix to Glendale stop a half mile this side of the latter place and watch it grow. A spur from the Santa Fe, Prescott & Phoenix, for the transportation of material, runs out to the factory. The first story is already completed and work has begun on the second. The building will be 290 feet long and 65 feet wide. A part of it will be three stories high and a part of it five stories.

Other buildings for which the foundations are now being laid are a boiler house, 150x67 feet; a limekiln house, 70x67 feet; sugar warehouse, 280x67 feet; beet sheds, 400x150 feet. They will all be of brick and fireproof construction.

The Eastern Sugar company has established offices in the O'Neill building and is now ready to contract with farmers and landowners for the purchase of their crops. The contract offered is a very liberal one, the prices ranging from \$4 to \$6 a ton, according to the sugar contents of the beets. Seed will be furnished by the company; three carloads are already on the way from the east. The company will also furnish tools, and a large crew of expert beet growers is coming from Colorado and Utah who will assist the farmers with necessary advice regarding the growing of the crops.

Experiments made on eighty different tracts of ground in the valley have shown an average yield of nineteen tons to the acre with an average sugar percentage of seventeen. According to the prices offered this would make a net yield of \$91 to the acre. It is to the interest of all to encourage the planting of beets, so that one of the greatest industries of the world may flourish in the Salt river valley.—Republican.

### Putting on Airs.

With a new perfecting press and an increase in size to the extent of twelve columns, the Albuquerque Democrat put on a new bonnet Wednesday morning and will henceforward be known as the Morning Journal. The word "Democrat" was dropped because it was a mis-nomer and tended to deceive the public as to the political character of the publication.

According to an act of the recent legislature each county of the territory is required to have a board of health, composed of the district attorney, chairman of the board of supervisors and a regular physician as superintendent of the board. Dr. D. J. Brannen was appointed to this position Monday.