

THE PRUNES OF OREGON

COMPOSITION, FOOD VALUES AND SOIL DRAUGHT. Interesting and Valuable Bulletin by Professor Shaw, issued by the Oregon Experiment Station.

Since the publication of bulletin 4, of the Oregon Experiment Station, on "The Composition of Oregon Prunes," numerous analyses of both fresh and cured fruit have been made for various purposes.

Second—In contributing to the knowledge of the average composition of the fruit, thus affording a basis of comparison in the study of soil draught, the physical data (proportion of pits to flesh, etc.), showing the relative waste to actual food material; the chemical data a basis for comparing the nutriment of the prunes with those of other fruits.

Professor Shaw next discusses the composition of the prune and describes in detail his method of analysis. He analyzed 13 samples of Petite prunes, 12 of fresh Italian and six of Silver. Analyses of the composition of these averages netted the following results:

Table with columns: Constituents, Fresh, Silver, Total. Rows include Average weight, Number per pound, Per cent of flesh, Per cent of pits, etc.

The foregoing are the averages for the samples of Petite, fresh Italian and Silver prunes tested. Following are Williams Valley averages for Petite and Italian:

Table with columns: Constituents, Fresh, Silver, Total. Rows include Average weight, Number per pound, Per cent of flesh, Per cent of pits, etc.

Professor Shaw appends the following general statement of averages further to explain his work:

Table with columns: Constituents, All prunes, Fresh, Silver, Total. Rows include Weight in grams, Number per pound, Per cent of flesh, Per cent of pits, etc.

Results of the Analyses. Discussing the results of his analyses, Professor Shaw says:

The average of all analyses was from 15.5 grams in Italian, to 6.5 grams in Silver, the average being 23.3 grams, thus requiring 15 prunes to the pound.

The percentage of pits range from 1.5 in Petite to 3.70 in German. The relation of pits to flesh is shown to be as follows in the two leading varieties: Petite, 1.14; Italian, 1.26; the latter of which is below the same as for all other varieties.

As compared with the Italian, the Petite shows the largest proportion of juice to flesh; the average for the latter being 75.6 per cent, and for the former 70.4; however, the Silver prune was considered in a sufficient number of analyses, it would probably be found to carry even a higher per cent of juice than the Petite.

TOWNS WERE SHUNNED

SIBERIAN RAILWAY ASKED NO FAVOR OF THE PEOPLE. One American Citizen Found in That Country—How Railway Trains Are Managed.

TOMSK, Siberia, Aug. 25.—It is the journey to this city that the traveler finds the most conspicuous instance of the manner in which the railway has ignored the towns in the long way across Siberia.

The people of Tomsk are not gentle in their judgment of the railway engineers who located the line. They say first that the importance of the city should have made it imperative to build the railway through it, when the avowed purpose of the great work was to connect the scattered centers of population and give them ready access to the rest of the empire.

It is affirmed with the utmost frankness by the good people of Tomsk that the railway has no railway in that they would not pay the price. They allege that the Russian civil engineers locating the line gave them to understand that the merchants and traders of Tomsk would have to pay a large sum of money, variously stated from 25,000 to 100,000 rubles.

From the Obi River to the junction of the main line with the Tomsk branch is 143 miles, the running time of the post train for that distance being nine hours. In the morning when we reached the junction I found that Professor Villemont had been compelled to demand that the authorities add another car to the train for his party and the rest of the passengers.

It is a great pity that Tomsk has suffered in this way, and the result in one direction is likely to be that a good many travelers who are making the Trans-Siberian journey will omit it from their itinerary rather than go to the trouble of making the laborious side trip.

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CHURCH ORGANIZED AND INCORPORATED.

The members of the Evangelical Association in and about Lents, Mount Scott, organized and incorporated a church society last evening.

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AMERICAN CITIZENS, THOUGH THEY DO NOT SPEAK ENGLISH.

Mr. Villemont, who was naturalized while he lived in Chicago and takes pride in retaining his American citizenship, though he has never revisited the United States.

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COAST FREIGHT RATES

SAN FRANCISCO BIDDING AGAINST PORTLAND FOR BALLAST TONNAGE. Both Ports on Even Terms as to Rates—More British Ships Changing Flags—Marine Notes.

San Francisco is trailing right along after Portland, or, perhaps, to be accurate, is keeping a trifle ahead of Portland in paying high rates for grain ships.

There is not enough tonnage under charter for loading in the Pacific Northwest to carry away more than one-half of the unsold portion of the 1899 crop, and over two-thirds of that which is chartered is for late loading, the greater part of it for November and December.

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UNDER A NEW FLAG.

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WHY PRESIDENT CHANGED.

Relied Upon an Official Who Could Make Opinions to Order. WASHINGTON, April 5.—Some of the Eastern papers have upon a very high sounding solution of the question of "how the President changed base on the Puerto Rican tariff."

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BUSINESS STREET AND OLD CATHEDRAL IN TOMSK.

Lighted, so that the race was even more trying than the former ones had been, the officers were waiting at the station who had been detained there for one day or perhaps more by the inability to get on other trains, so of course they were safely fixed in place.

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Honors for Ireland. LONDON, April 5.—The army orders today contain the following: "The Queen having deemed it desirable to commemorate the services of the Irish Regiments in the recent operations in South Africa, has been graciously pleased to command that an Irish regiment of foot guards be formed under the designation of Irish Guards."

BULL-PEN RECORD. Admitted into the Coer d'Alene Investigation. WASHINGTON, April 5.—R. R. Rogers, bookkeeper at the Bunker Hill mine, and Warden Coakley, who had charge of the "bullpen," were witnesses before the "Coer d'Alene" investigation committee today.

Wardens Coakley, at the afternoon session, stated that at no time was the service of the warden denied to a prisoner, as had been charged. He denied that the troops had used such harshness toward one Johnson, an inmate, as to make him "crazy," as was charged. He also took up the various other charges in connection with the "bullpen," and explained or contradicted them.

Chemical Engine No. 3 has organized a very creditable orchestra from members of the crew and Truck No. 4, with the assistance of a couple of outsiders. Every fall evening the new orchestra has a large audience in front of the engine-house, and during the coming Spring and Summer the neighbors are promised a treat that they already anticipate with pleasure.

Rebuilding Convention Hall. KANSAS CITY, April 5.—Early this morning an army of men were set to work clearing away the smoldering debris of the Convention Hall, preparatory to immediate rebuilding. President Evans, of the Convention Hall Building Company, said today: "We must and will arise to the occasion, and July 4 the Democratic Convention will assemble in a new and grander convention hall."

Daily Treasury Statement. WASHINGTON, April 5.—Today's statement of the Treasury balances in the general fund, exclusive of the \$100,000,000 gold in the Division of Redemption, shows: Available cash balance, \$17,218,212; Gold, \$5,138,474.

Change in Naval Commanders. WASHINGTON, April 5.—Commander F. M. Wise has been detached from command of the Enterprise and ordered to the second duty station, the USS Commodore Monocacy, relieving Commander G. A. Bicknell, who is ordered to the Mare Island navy-yard.

Advertisement for 'The Genuine Sanden' featuring a 'GUARANTEED ON A \$5,000 BOND' and 'DR. S. S. HALL' with contact information for Portland, Oregon.

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