

CONTROL OF WATER POWER

ITS UTILIZATION IN VARIOUS PORTIONS OF COUNTRY

Recent Discussion of Water Power Sites and Conservations Call Out Government Report — Underground Water Resources of New Mexico

[Contributed to The Gazette.]

Recent discussions of water power, water rights, and stream control in the United States have attracted attention to the Geological Survey's Water-Supply Paper 234, on the conservation of water resources, which is made up of several short papers reprinted from the report of the National Conservation Commission. Most of these papers were prepared by members of the Survey. The subjects discussed are rainfall, floods, control of catchment areas, developed and undeveloped water powers, land denudation, and irrigation, and the authors are Henry Gannett, F. H. Newell, M. O. Leighton, W. C. Mendenhall, H. N. Parker, W. M. Steuart, R. B. Dole, and Herman Stabler.

Mr. Gannett discusses the distribution and amount of rainfall and presents two maps, one showing the mean annual rainfall in all parts of the United States, the other showing the percentage of annual precipitation in the six warmer months, April and September, inclusive.

The increase of floods on rivers in the United States is shown by Mr. Leighton and is attributed chiefly to the destruction of forests. The estimated annual damage by floods in this country has increased progressively from \$45,000,000 in 1900 to \$237,000,000 in 1908.

Mr. Leighton also discusses the developed and undeveloped water powers of the country. Out of about 37,000,000 horsepower available at the minimum flow of streams but little more than 5,000,000 has been developed, or about one-seventh of the minimum available power. A fairly complete census of developed water powers has been obtained, but the undeveloped powers are determinable only by estimate. The state of New York has the largest development, with 885,862 horsepower, California standing next, with 468,774 horsepower. The section of the country furnishing the greatest possibilities of water-power development is the northern Pacific region, including the basins of Columbia and Sacramento rivers. Mr. Leighton presents very complete statistical tables covering all sections and states. The tables showing developed water power were compiled by W. M. Steuart, of the Bureau of the Census.

Mr. Newell's brief paper on irrigation shows an increase in acreage of land irrigated from 3,631,381 acres in 1889 to about 11,000,000 acres in 1907, and fixes the limit of the irrigable area in the arid region at about 45,000,000 acres, or more than four times the area now irrigated. The projects now under way will serve about 2,700,000 acres. Mr. Newell's proposed water code and his sketch of the water laws now in force should be of general interest.

Mr. Mendenhall's paper on underground waters discusses the uses and waste of ground waters, their relation to stream flow, and their conservation.

The paper on denudation, by Messrs Dole and Stabler, shows that 783,000,000 tons of earth and rock, measured as soil, are removed every year from the surface of the United States. About 220 tons per square mile of the area drained by streams emptying into the Atlantic ocean is annually being swept away from the soil into the sea or its tributaries.

A table showing the catchment areas, annual water consumption, and money investment of the waterworks systems of 42 cities in the United States, by H. N. Parker, is incorporated in the report.

Water-Supply Paper 234, as a whole is a suggestive discussion of some of the larger economic problems which are pressing for solution in this country. The paper may be obtained by applying to the Director of the Survey at Washington.

The United States Geological Survey has recently made an investigation of the underground water in the Portales Valley, New Mexico, to ascertain the possibilities of utilizing it for irrigation. This valley is located in the east-central part of the territory, in the semiarid belt, where considerable success has been attained by dry-farming methods but where the productivity of the soil would be immensely increased if water could be artificially applied.

The physiography of the valley is peculiar. It is about 50 miles long and 10 miles wide and is depressed several hundred feet below the surrounding high plains. At intervals of several miles there are salt basins, and on the east side of each of these basins is a prominent natural dam composed of clay and capable of completely obstructing the surface waters even at times of the heaviest rainfall.

This valley, like the other valleys, which cross the Great Plains, was evidently excavated by a stream; through it passes a channel obviously made and at one time occupied by a stream; in it are found terraces with perfectly developed potholes and other features produced by running water. Today, however, no stream flows through this valley, nor has any flowed through it since the natural dams were formed. The erosive processes now going on could never produce the existing physiographic features. The tributaries of Pecos river are now actively encroaching on the Portales Valley and it seems probable that arroyos which once discharged through the valley have been diverted into the Pecos.

Certain conditions in this valley are favorable to the recovery of the underground water. Porous materials lie near the surface and are underlain by impervious clays. In the lowest portion of the valley these porous materials are saturated nearly to the top with water, which is freely given up to shallow and inexpensive wells and can be lifted to the surface at relatively small cost. Moreover, the past drainage and the present underflow have largely prevented the accumulation of alkalis in the soil—a difficulty commonly encountered in the shallow-water districts of arid regions. A further advantage lies in the regular topography, which makes it easy to lead the water over the land.

Under favorable conditions water can be profitably pumped for irrigation; but where it lies at considerable depth, where the power is expensive or is wastefully applied, or where any other conditions are unfavorable the expense of pumping may be greater than the value of the crops that can be grown with the water.

In a test made at Portales in a well 96 feet deep a quantity of gasoline costing approximately \$3.50 was consumed in bringing to the surface one acre-foot of water—that is, enough water to cover an acre to a depth of a foot. This was a fair test for an ordinary small pumping plant, but with the most economical machinery and fuel the cost could perhaps be materially reduced.

A popular opinion prevails that the supply of underground water is inexhaustible, but this belief is erroneous. The quantity of water now stored in the ground is sufficient to irrigate thoroughly the entire valley for only a few years. Moreover, the removal of any considerable portion of this underground store will lower the water level so much that the cost of pumping will probably prevent the utilization of the remaining portion.

A wise and far-sighted policy will look to the recovery and use each year of the annual increment to this store without depleting the present supply or lowering the present water level. The crucial questions, therefore, are, What are the ultimate sources of the underground water? and How much water is contributed each year to the underground reservoir?

The source of the water of the Portales Valley is the precipitation in the valley and on the adjacent high plains, which drain into the valley through surface channels or subterranean passages. The precipitation of light showers may all evaporate, but an important though indeterminate portion of the moisture of the heavier rains collects and percolates all through the porous soil to the ground-water level. No water reaches the Portales Valley from the adjacent mountains or from any of the high area west of the Pecos. There is no run-off from the valley, but a certain amount of loss results from underflow and from evaporation in the salt basins. The factors involved in the problem are so complicated that the net amount of water annually available can only be roughly estimated, but it is safe to say that this amount is at least 10,000 acre-feet—probably much more. This water, if advantageously used, should add many hundred thousand dollars annually to the value of the products of the soil. This valuable resource should be developed, but its development should proceed carefully and with full cognizance of the inherent limitations.

During the coming year O. E. Meinzer, who made the investigation for the Geological Survey, will prepare a report on the subject, in which all the problems relating to the underground water in the region will be more fully discussed.

JAKE COMES BACK WITH POLISH

Says Pleasure of Meeting His Many Friends Is All His Own

Jake Stern was in town a day or two ago, after an absence of several months, during which he toured Europe with his family.

"Hello, Jake," the boys said, as they espied the portly form of the land magnate. "Glad to see you."

"The pleasure is all my own," he replied, with a polish acquired by association with the aristocracy of old-world capitalists.

Not to say that Jake wasn't all right before, for he was. He wears the same sized hat as before, and he says the latchstring at his office door is always hanging on the outside.

RESERVOIRS IN ARID WEST

THE GOVERNMENT'S GREAT STORAGE DAMS

What They Will Accomplish Toward The Conservation and Development of the Natural Resources of the West—Of Primary Importance

The building of great dams to provide reservoirs for the storage of water must necessarily become a feature of primary importance in the development of any comprehensive scheme for the preservation of natural resources, including, as such a scheme must, the proper control of the rivers for the prevention of floods for their development as waterways, and for the economical use of their waters for power and irrigation. In Western States, in connection with the latter purposes, interesting and extensive developments have been taking place, since the passing of the Reclamation act in 1902, several great storage dams being already under an advanced stage of construction by the Reclamation Service as essential features of some of the larger irrigation projects.

The building of these great structures, on account of the importance of the functions which they perform, the large financial expenditures involved, and the peculiar difficulties encountered in dealing with rivers of the arid and semi-arid regions, which are subject to very high and very sudden floods, calls for engineering ability and constructive skill of the highest order.

It is not uncommon for some of the Western rivers where storage works are now under construction to be transformed within a few hours from trickling rivulets into raging torrents of uncontrollable power and proportions.

These sudden floods may rise to a height of twenty-five feet or more in a single night, sweeping away in an incredibly short time the results of months of carefully planned and conscientious work, and perhaps burying out of sight and beyond recovery massive machinery and costly equipment that may have taken still longer to place in position and get into working order. Climatic conditions, moreover, as might be expected in the desert or at the high altitudes where such works are necessarily located, are usually marked by uncomfortable extremes of temperature, while transportation facilities are often entirely wanting until established as an operation preliminary to the beginning of actual work. These, however, being precisely the conditions that give rise to the work of reclamation, such as can be skillfully provided for, while others are philosophically accepted as part of the game the engineer must play with Nature with the elements.

Of several great storage dams at present under construction by the Reclamation Service perhaps the most strikingly interesting are the three high masonry dams known as the Shoshone, the Pathfinder, and the Roosevelt. The highest of these, the one in fact that will be distinguished as the highest dam in the world, is being built in the canyon of the Shoshone River in northwestern Wyoming, six miles west of the town of Cody, so named after Col. W. F. Cody, better known as "Buffalo Bill."

The Shoshone, or the Stinking Water River, as it was originally named, because of the occurrence along its course of springs giving off noxious gases, rises in northwestern Wyoming in the spurs of the eastern slope of the Great Continental Divide, known as the Absaroka and Shoshone ranges. The drainage basin of the river above the Shoshone dam is about 1,400 square miles in extent, varies in altitude from 5000 to 12,000 feet, includes many high peaks within the Yellowstone National Park, and is remarkable for its wild and rugged scenery. The region is one of heavy snowfall, is well timbered, and, pursuant to the wise national policy of forest preservation, is included almost entirely within the great Yellowstone National Forest.

Just below where the two main forks of the river join is a narrow and deep canyon, the almost perpendicular granite walls of which rise to a height of several hundred feet. Through this gigantic crack in the solid rock the melting snows of the entire watershed just described find their only exit, carrying to waste during the annual flood season of a few weeks sufficient water to reclaim many thousands of acres of the desert lands of lower altitudes. Within this canyon, at a point of almost ideal natural advantages, is being molded the solid wedge of concrete which is to be known as the Shoshone dam.

The height of this towering structure when completed will be 325 1/2 feet from lowest foundation to crest, its length at the top from wall to wall of the canyon about 200 feet, and its thickness at the base 108 feet. In plan the dam is of the arch type, wherein stability is secured by means of the form as well as the volume of the structure. The apex of the arch

being turned up stream to resist the pressure of the impounded waters, and the foundation and abutments literally dovetailed into the solid granite, the completed structure will form a concrete monolith of imposing proportions as well as tremendous strength and stability.

Passing around to the right of the dam at an elevation of about ten feet above the natural stream bed is the outlet tunnel, ten feet by ten feet in diameter. This tunnel was driven preliminary to beginning work on the dam in order that the normal flow of the river might be diverted through it during construction. After the dam is completed, the outlet tunnel, equipped with massive hydraulic gates, will serve to regulate the outflow of the stored water from the reservoir. Immediately upon the completion of the diversion the work of clearing the dam site was undertaken, and this consisted in removing about seventy feet of loose rock and debris from the bed of the stream in order that the dam might rest upon the solid bedrock. Passing around the dam to the left, from a point within the reservoir at an elevation only a few feet below the top of the dam, will be the spillway tunnel, twenty feet by twenty feet in diameter, having a fall of ten feet in a hundred. At times of high water, or when otherwise the reservoir would fill up and overflow the top of the dam, the waters which collect in excess of the storage capacity of the reservoir will escape through this outlet with tremendous velocity, discharging into the canyon of the river below the dam and forming a magnificent waterfall of over 150 feet.

The purpose of the Shoshone dam is to provide a reservoir within which the floodwaters of the river will be stored for the irrigation of a tract of land of some 125,000 acres, extending about fifty miles farther down the river. The Shoshone reservoir will be twelve miles in length, have a surface area of over ten square miles, a storage capacity of 456,000 acre-feet, and a maximum depth of 230 feet.

The Pathfinder, a structure similar in type to the Shoshone dam, is being built in central Wyoming, on the North Platte river, three miles below its junction with the Sweetwater, and will provide an immense storage reservoir for the waters of both streams. The North Platte river rises on the eastern slope of the Continental Divide, in northern Colorado, and flows northward until joined by its main tributary, the Sweetwater, the drainage basin of 11,000 square miles above the dam being included mainly in central and southern Wyoming. The annual discharge of the river is large, but, as with the majority of Western rivers, its flow is very irregular, sudden high floods alternating with periods of extreme low water.

The site of the Pathfinder dam is an ideal one, being within a narrow granite box canyon, about 200 feet in depth, which affords the best conditions both for the stability of the dam and a relatively large capacity for the reservoir. The dam, which is already well under way, will be 215 feet high from foundation, 205 feet long on top between abutments, and 100 feet thick at the base, in plan being also of the arch type. The material composing it is known as cyclopean rubble, consisting of massive masonry blocks laid in concrete. The regulation of the stored waters is provided for by means of pipes through the dam, as well as by an outlet tunnel equipped with hydraulic gates, while surplus waters will have ample outlet over a spillway cut in the solid rock. The Pathfinder reservoir will be thirty-five miles long, with a maximum width of four miles and a storage capacity of 1,000,000 acre-feet. The dam and reservoir are essential features of the North Platte project, in connection with which it is interesting to note that while the waters used rise in part in Colorado, they are stored in central Wyoming, to be finally distributed upon lands in Nebraska, 1500 to 2000 feet lower in altitude and distant as far as 200 miles from the point of storage.

The Roosevelt dam will eclipse in magnitude of cubic contents all of the dams at present under construction by the Reclamation Service. It will contain 320,000 cubic yards of masonry, or over six times more than the Pathfinder, and nearly five times as much as the Shoshone dam. Its height will be 280 feet from foundation, length on top 630 feet (or, including spillway bridges, 1080 feet), and its thickness at the base 165 ft. In plan, although built in the form of an arch, this structure differs from the Shoshone and Pathfinder dams in being of the gravity type, wherein mass alone is sufficient to secure stability.

The resulting reservoir will be the largest artificially formed lake in the world, a body of water twenty-five miles long, in places over two miles wide, with a storage capacity of 1,300,000 acre-feet and maximum depth of over 220 feet.

The dam and reservoir are the main features of the Salt River project for the irrigation of lands in the Salt River valley, in the vicinity of Phoenix, Ariz.

The method of handling the river during construction is in essential points similar to that already described in the cases of the Pathfinder and the Shoshone dams, a tunnel having been first built around the dam-site, through which the river is diverted, and which after the completion of the dam is to serve as the regulator for the flow of water from the reservoir.

The site of the dam at the upper end of the Salt River canyon, just below the junction of Tonto Creek, in the eastern central portion of the Territory, was at the inception of the project almost inaccessible and wholly remote from all forms of communication. The stretch of about fifty miles between the dam-site and the nearest railroad point in the lower Salt River valley is generally conceded to be one of the roughest pieces of country on earth; so that the first problem to be solved was that of opening up communication. Accordingly, in 1904, a wagon road was built following along the general course of the river, skirting the edge of the deep canyon within which it flows for several miles of this distance, and incidentally picking its way through some of the grandest scenery on the continent. It is eloquent of the character of this line of road that some stretches were cut through the solid rock at a cost of \$25,000 a mile.

From such preliminary work as road construction, operations on this project have extended to the building and equipment of sawmills, machine shops, general stores, and telephone lines, and even to the building of municipal water-works and the manufacture of brick and ice. Other subsidiary works have included the construction of a power canal for the development of electrical power at the dam-site, and the building of a completely equipped cement-mill for the manufacture of the cement to be used in the dam.

The power canal is in itself a very interesting piece of engineering work, and performs a most important function in the construction of the great dam. Water is diverted at a point farther up stream by means of a concrete weir built across the Salt River, and after being conducted in the canal and through numerous tunnels and enormous pipes over the intervening nineteen miles is finally delivered under a head of over 200 feet at the hydro-electric power-house located in the bed of the river at the foot of the dam. From this plant electric power is furnished for all the operations connected with the project, and thus is the river made to furnish the motive force for building its own controlling works. The Arizona desert being a country of unquenchable thirst, the use of this power will be still further extended for permanent use in the pumping of water from wells in the Salt River valley to supplement the supply secured from the reservoir.

The cement-mill is another interesting and important feature of the project, particularly as this is one of the enterprises that have amply demonstrated the ability of the Government to do business on its own account when necessary, and incidentally turn out products of superior quality at an immense saving in cost.

Consequent upon all these activities a town of considerable proportions has grown up at Roosevelt, involving such additional problems as the providing of proper sanitation, domestic water supply, hospital service, etc., looking toward the preservation of the health and comfort of the community. All of these needs have been promptly and wisely dealt with as they developed, thus securing a high degree of health and efficiency among the workers. Roosevelt is today a hustling and flourishing community, "dry" as the most ardent prohibitionist could wish, and with every prospect of remaining so until the completion of the great structure which called it into being, and the consequent filling of the reservoir will put its main street under some 200 feet of water.

The Roosevelt dam will insure an unfailing supply of water for the irrigation of the fertile Salt River valley, where in recent years orchards worth hundreds of dollars per acre have dried up and perished for lack of water when it was most needed. At the same time, with the completion of the immense storage basin provided by the Salt River reservoir, the floods that periodically descended the river to create havoc with lands and property will become a thing of the past. Already the practical results of the building of the Pathfinder dam are being realized in the opening up of some 400 irrigable homesteads in the North Platte valley in Wyoming and Nebraska, while for every cubic yard of masonry contained in the Shoshone dam at least two acres of desert land will be assured of an ample supply of water for irrigation and thus made available for settlement and cultivation in the years to come.

By Henri V. Lemenager, Chief Draftsman, United States Reclamation Service, Washington, D. C., in Review of Reviews.

MANY MORE MEN

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ENDS LIFE AT LIBRARY DOOR

FRANK PALLAS TAKES CYANIDE AND SHUFFLES OFF

Lived Checkered Career, Was Once In Gun Fight and Frequently Spoke of Late of Ending It All—Soldiered In Philippines—Domestic Troubles

Undertaker Terry and August McAuley were driving to the Southern Pacific depot at 6:30 o'clock on Thursday morning with a body to be shipped east, when as they were passing the Carnegie library they saw the outstretched form of a man lying in front of the library door. The man's arms were outstretched, his legs were crossed, and he lay in the awkward position of one dead.

"That man is dead as sure as shooting," said Terry as his experienced eye surveyed the situation. They continued on to the depot, where a telephone message was sent the authorities. On their way back, at suggestion of Judge Howard who had been called to the scene, the body was taken to Backs' undertaking rooms.

The man was recognized as Frank Pallas, for fifteen years off and on a resident of this locality. By his side was an all but empty bottle of ginger-pop. He had mounted the stone steps leading to the balcony, and had stepped up the short interior stairway. Here he sat down, and draining the contents of the pop bottle, in which he had placed a sufficient quantity of cyanide to poison a regiment of men, fell over backward dead. He had threatened to do this thing for years.

Coroner Smith was notified and held an inquest in the afternoon. Dr. Wickert performed an autopsy and subjected the contents of the stomach to chemical examination.

The jury was composed of W. D. Thompson, Fred Maurer, Major Upham, Ben Berdrow, Jimmy Gerry and Chapo Darling.

Dr. Wickert testified as to the cause of death. Jos. Helmsen said he regarded Pallas as having been demented for three years. Pallas was in his store the evening before his body was found. He was more sullen and morose than usual. He had frequently talked of committing suicide.

August McAuley told of finding the body in front of the library door.

A verdict of death by poison was rendered.

Pallas was some years ago a participant in a gun fight at Katella with a man named John Hart, who is now in San Quentin for life for murdering his wife in Los Angeles a year or so after his fight with Pallas. The two had had words, and Pallas walked over to the Hart place in the evening, with the intention, as many suppose, of killing him. Pallas was a powerfully built man, and of quarrelsome mood when in his cups. The two exchanged shots. Pallas came into town the next morning and gave himself up. He was tried, but was not convicted.

He later married, but his wife did not live with him long. She obtained a divorce in Los Angeles.

Pallas soldiered in the Philippines during the Filipino war. He was several years on the islands. Recently he returned to this city, but his mind seemed unbalanced. He drank heavily, and the autopsy showed his liver was abnormally large as a result of booze.

As his body lay upon the operating table it elicited words of admiration for the strength in chest, arms and limbs.

The body was interred on Sunday afternoon under auspices of the Masonic lodge, of which deceased had been a member.

Mr. and Mrs. Charles Stem of National City, the latter a sister of deceased, attended the funeral.

HOLE PUT IN A HOLE

Japanese Beats Him in La Habra Land Suit

W. J. Hole, the La Habra land speculator, came off second best in a lawsuit with a Japanese named M. Takekawa in the Orange county superior court this week. Judge West's decision put Hole in bad in a case which has been hanging fire in court for several years. He was ordered by Judge West to accept \$186.95 from the plaintiff, and upon its presentation and acceptance to make a deed to the sixty acres in question, which lie in the La Habra valley.

Takekawa set up a tract under which Hole agreed to sell him sixty acres of land, being the northwest quarter of the southeast quarter, and the west half of the northwest quarter of the southeast quarter of section 3, township 3 south, range 10 west. In the contract the words, "township, south, range and west" were left out.

The contract called for payment at certain times. While these payments were not made at those times,

the plaintiff asserted that they were not made under an agreement with Hole because of the failure of crops raised on the land. The contract bore the date of June 12, 1905.

Immediately following the recording of the court order directing Hole to make the deed to Takekawa, a deed was recorded of the property from Takekawa to one of his attorneys, J. S. Noyes, of Los Angeles. The consideration named in the deed is "legal services."

RESISTANT PILE TIMBER

Forestry Service Making Systematic Search In West

"What wood is most resistant to the attacks of marine borers?"

This is a question uppermost in the minds of all owners of harbor property. Timber experts in some parts of the country give more attention to the solution of the question than others in many cases, and just now it seems that the keenest search for the most resistant pile timber is going on in the extreme West.

The claim is made that eucalyptus piling is more resistant to the attack of marine borers than any other pile timber found on the Pacific Coast, also that certain eucalypts are more resistant than others. It is also claimed that Lawson cypress is particularly resistant to attack. Furthermore, some prominent engineers assert that many creosote treatments now practiced are not effective against borers and that various pile casings are of doubtful value. It is true that a great many piles, both treated and untreated and consisting of different species, have been driven, but in most cases records of durability have not been kept and in no cases have the different species and methods been directly compared under exactly the same conditions, thus making the results of little value.

With a view to furnishing this authoritative information the Forest Service has planned a series of experiments to be carried out at San Francisco and San Diego, California. It is the intention to secure several piles each of all of the species of timber occurring on the Pacific coast which might be used for pile purposes. This will include different species of eucalyptus, Douglas fir, western yellow pine, western red cedar, redwood, and Lawson cypress (Port Orford cedar). In addition it is the intention to secure Douglas fir piles treated with various preservatives and protective coverings. In the experiments only 8-foot sections having an average diameter of 10 or 12 inches will be employed, inasmuch as the cost of handling and transporting larger piles would be prohibitive.

One-half of each kind of timber will be installed at San Francisco and the other half at San Diego. The sections will be fastened to concrete caissons if available. If not, the sections will be fastened to creosoted piles. In such a case they will be so fastened that a space of a few inches will occur between the creosoted pile and the experimental timber. This will guard against any influence which the proximity of the creosoted pile might have on durability. They will be so placed that the upper end will stand about a foot or two above low water mark.

The ends will be properly protected with asphaltum, copper, or some other suitable substance to guard against the longitudinal attack of borers. Each section will be properly marked with a copper tag for identification. In addition a detailed map will be drawn showing the location of the sections after they are placed in position. In no case will less than six sections of one species be included. The experimental material will be inspected at frequent intervals and reports will be prepared covering the details of the experiments.

Some difficulty is being experienced in securing a sufficient amount of timber for the tests, especially the different species of eucalyptus. Any owners of eucalyptus timber who are willing to furnish a small amount for this purpose should communicate with the Forest Service, San Francisco. Already several manufacturers of pile casings have signified their desire to have piles treated by their various methods. It is hoped that all such treatments will be well represented.

LEWIS GETS THE AXE

A Berkeley dispatch of recent date contains the following:

Walter Z. Smith, custodian of the sacred ax stolen by California men from Stanford eight years ago, will come all the way from Mexico to name his successor and to see the big game with Cardinal Nov. 13th.

Fayette Lewis of Anaheim, captain of the baseball team this year, will probably be Smith's successor.

The ax rally was held Wednesday afternoon.

The big varsity smoker rally will be held two nights later, and the big game the day after the smoker.

Stop and get a Portable Lamp from \$3.00 to \$8.00 at A. Nagel's.

A STATEMENT FROM CARNES

REFUSED TO CERTIFY J. W. MORRISON FOR HORTICULTURAL COMMISSIONER

Makes Forcible Reply to Statement Attributed to E. B. Collier—Charges that Members of State Board Raised Ratings After the Same Had Been Passed Upon

E. K. Carnes, secretary of the state board of horticultural examiners, has written the following letter to the Santa Ana Register, in answer to an article appearing in the Santa Ana Blade, said to have been published on authority of E. B. Collier, and reflecting upon Carnes' action in the horticultural commissioner imbroglio: Sacramento, Cal., Nov. 4, '09. Register Publishing Co., Santa Ana, California.

Dear Sirs:—I am in receipt of your letter under date of Nov. 3d, together with clipping from Blade, and your request for a statement of the facts in the case.

While it has been against my principles to answer anything that appears publicly throughout the state in regard to my actions, having always taken the ground that a majority of the growers of the state know me personally and any denials or statements are useless, as my official actions are always open to investigation, and I think I have the confidence and respect of this great body of men to such an extent that public controversies are unnecessary, yet, in this case, the report as it appears is so erroneous that I believe a few words will place the matter in the right light.

First, the examinations were conducted by number and not by name. Four counties were held and finished and all the papers taken to Los Angeles on a Saturday night, after finishing Orange county. All members of the board worked all day Sunday, correcting same, and until late Sunday met and resumed the work of corday night; again on Monday morning retesting papers, stopping only long enough to see the president pass, and late that afternoon Mr. Collier made the following motion, seconded by Mr. Garey: "The secretary is instructed to take the balance of uncorrected papers to Sacramento and correct same and return, when finished, to Chairman A. T. Garey, for further examination by second member of State Board of Horticultural Examiners." Motion carried.

In accordance with this motion, on Monday night I gathered up the remaining papers that were uncorrected, as well as those corrected, and took same to Sacramento and very carefully corrected same, by number only, returning when finished, with the names corresponding to the numbers sealed and still intact to Los Angeles, to the chairman, for his official concurrence in the markings (as per our by-laws) where at least two members of the board are obliged to correct the papers.

On Oct. 22d Mr. Garey, as chairman, telegraphed me as follows:

"I concur in your markings, get letters ready," meaning letters of notification to the boards of supervisors. I did so, as secretary, and forwarded them to the chairman to countersign. The matter was officially settled. Only one number from Orange county passed the examination—which later on proved to be R. K. Bishop, when the numbers and names were opened and compared in Los Angeles.

Since that time I have received, by letter, from the chairman, his second concurrence to the original markings, which appears to me to be sufficient.

Certificates to the successful applicants of all counties were filled out and forwarded to the chairman to countersign and deliver, Orange county along with the others. This the chairman has done, as per his letter to me.

Mr. Collier has certainly been misquoted in the clipping which you enclose, as the minutes of our board will show, and as we all worked until Monday night in Los Angeles and made returns of the findings of Los Angeles county and sent in the list of those passing the examination to the board of supervisors while still in Los Angeles, this would hardly look like the "Secretary took the papers and left hastily for Sacramento from Santa Ana immediately after the examination." In regard to leaving any papers, this statement is wrong, for I took them all in a special case and sealed them with wire seal before leaving. Two out of four papers of Orange county were corrected in Los Angeles during this meeting of the entire board (three). One of these is a paper mentioned in the clipping, and it was agreed by the board, all members being present, that it did not pass.

The above is the official action of the board as the minutes will show. Where the trouble seems to be is easily seen from the following:

On Oct. 26th, I received a letter signed by the chairman and treasurer,

wherein they had raised the percentage of two additional candidates from Orange county over my markings and the official concurrence of the chairman of the board, and expressed the opinion that they had passed. While, in fact, by their second marking one of the candidates did not even then have the required per cent to pass, and the other was just over the line. This letter was dated in Los Angeles, Oct. 24th, two days after the matter was settled by official action of two members of the board.

I immediately wired both members that the matter was settled several days ago and that the papers were out and I had official concurrence to my action, and as secretary refused to issue the additional certificates, and that I would not be a party to it. I also wrote the chairman fully on the subject and expressed my views of the matter very plainly.

I refused to issue the certificates then, and do now, and always will, for it has been my aim to conduct these examinations in a fair and impartial manner, and to assure every candidate presenting himself for examination an even chance with his neighbor, and any one, no matter who he is, if he makes the required 50 per cent, is entitled to a certificate, and if he doesn't make 80 per cent he doesn't get a certificate.

The intent of the law governing our examinations is to determine the qualifications of the candidates, and those passing the examinations are to be appointed, or at least one of their number, to the office of County Horticultural Commissioner.

Mr. Collier is quoted in the article sent as saying: "Whereas he did see and examine Camfield's and Morrison's paper he did not see Bishop's paper." As all the papers were sent down and all returned, he could not have seen either of the papers mentioned without seeing the other.

The report as it appears in the clipping enclosed is so mixed up that if Mr. Collier made any statement at all, I don't think he would recognize this report as coming from him as it is so far removed from the real facts in the case that it should not be considered at all, and I am sure that Mr. Collier or Mr. Garey would not be in favor of allowing it to stand as it appears.

The law creating the Board of Horticultural Examiners is a growers' bill, and, as far as I am concerned, the examination papers are open to inspection by any committee, if the growers are not satisfied that the same has been conducted in accordance with the law. Also my books as secretary, or any action of the board, is open to investigation.

Yours very truly, Edward K. Carnes, Secretary State Board of Horticultural Examiners.

The statement in the Santa Ana Blade referred to is as follows:

When the board of supervisors opened its regular meeting this morning there appeared a number of Orange county fruit growers who asked what was the status of the county horticultural commissioner appointment, and were informed by Chairman MacMullan that the matter was in such shape that no decision could be at once arrived at and action would be deferred until the 16th, in order that a legal opinion might be procured to enable the supervisors to clear away an apparent tangle in the proceedings. This tangle it was explained was due to the fact that one of the members of the state board of horticultural examiners had appeared before Chairman MacMullan and told him that he, and the members of the examining board protested against the action of the horticultural commission in only certifying Roy K. Bishop to the supervisors when as a matter of fact he and the chairman of the board of examiners had signed the papers of J. W. Morrison and E. M. Camfield as having passed the examination. This member of the examining board is E. B. Collier, who told Chairman MacMullan, according to Chairman MacMullan's statement to a Blade representative, that both he and Chairman Garey of the board of horticultural examiners signed the papers of Morrison and Camfield.

Collier's version is that when the examinations for horticultural commissioner had been concluded here, Secretary Carnes took Bishop's papers with him and left hastily for his home in Sacramento, leaving the papers of Crawford, Camfield and Morrison with Collier and Garey to be examined and passed upon. Morrison's and Camfield's papers were approved and signed by Collier and Garey and forwarded to Sacramento to Carnes, and carrying as they did, the signature of a majority of the examining board, Collier says he thought they would of course be approved by Carnes.

Now comes the official report from Secretary Carnes at Sacramento, certifying that Roy K. Bishop has passed a successful examination, with no word of either Morrison or Camfield. Garey's name appears, with that of Carnes on Bishop's papers, and this is explained by Collier by saying that

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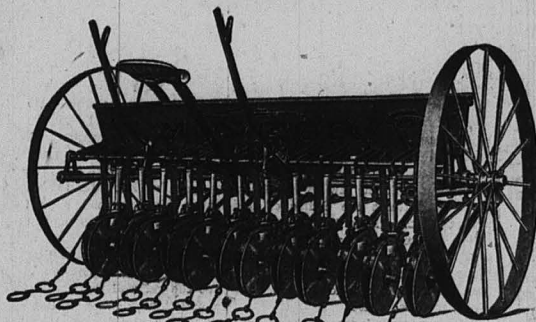
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BONDING SCHEME QUITE DEAD

The proposed million dollar bonding scheme for good roads in Orange county seems to have hung its harp on a willow tree. There was too strong a political smell about it to sit well upon the stomachs of the people, and they would have none of it. Two years ago, had the supervisors been petitioned for a bond election, a railroad machinist would without doubt have been made a member of the highway commission. With that rosy prospect breaking upon the vision of the lambs, they stampeded, Bellweather Mills and all. The proposition dropped with a thud like unto that of a dead coon falling from the tree top. It lay peacefully slumbering until recently the associated chambers of commerce took the matter up and resuscitated the corpse. Two years ago it was a political scheme. This time the associated chambers of commerce were really actuated by a desire for good roads. There was no politics in it, until the Wandering Minstrel of Orange county politics, Dr. Angostura MacMullan, hearing the joyful shout of the merry-makers inside the banquet hall, peeped in under the curtain, and it was all over.

The boys were afraid Angostura was aching to bite his initials too perceptibly in the good-roads pie.

If the supervisors succeed next Tuesday in kicking Morrison upstairs into the horticultural commissioner's job, that will remove him from possibility as one of the highway commission; but if the board finds themselves unable to find a nest for this soiled little political boss, he will immediately loom large, not as a candidate for a place on the highway commission, but as the indubitable head of that body, for no power in the county or out of it could prevent Angostura from naming him so to act.

Does Damocles Dobson believe Dr. Angostura MacMullan will yield up his political birthright for so small a mess of pottage as this call of the associated chambers of commerce for good roads from their woodnotes wild? Nay, nay, he is not deceived. Cannot Dr. Dobson see through this political brick with a hole in it?

NO CONFIDENCE IN BOARD

In the present jockeying by the board of supervisors to give John W. Morrison a chance to avail himself of any loophole in the law, and thus become horticultural commissioner, what confidence have the taxpayers that a clean and competent highway commission will be appointed to expend that proposed million-dollar bond fund? Morrison failed of certification by the state board of horticultural examiners, and his name has not been certified to by that board. Is not this sufficient to drop him from the list of candidates available for the place? It would seem not, but that an active campaign is on to assist him in repairing his fences so ruthlessly knocked down by the state examiners. The cry has gone forth that Morrison is a republican, and that inasmuch as he was programmed for the place, he must be appointed, irrespective of the findings of the state board of horticultural commissioners. True, he is a republican—of the railroad machine stripe; but he failed to qualify for the office in the legally prescribed examinations.

Will the taxpayers of Orange county place in the hands of this board of jockeying supervisors the naming of a highway commission to expend a million dollars upon our roads? We doubt it.

If Morrison falls, by hook or crook to land the appointment, he may be considered as practically named as chairman of the highway commission—in the improbable event of such a commission being appointed.

Do the people want Morrison, or will they wait until a more favorable time presents itself for naming a highway commission composed of men whose stature prohibits their cotails from dangling down in the filthy pool of railroad machine politics?

Johnny Herget, familiarly known as "Young Mitchell," is one of the newly elected San Francisco board of supervisors. Johnny stands for lifting the lid.

Mr. and Mrs. Tucker have returned from an outing trip to Sequel canyon, Huntington Beach and other points of interest.

A PINTO STATESMAN OUT OF A JOB

A horticultural commissioner for Orange county is up for appointment by the supervisors at their meeting next Tuesday, and judging from current indications, a political job of monumental infamy is about to be perpetrated upon the citrus growers.

It is safe to say the supervisors, if they dare do so, will appoint John W. Morrison for the position, notwithstanding the fact that he failed to pass the examinations imposed by the state board of horticultural examiners. Morrison some weeks ago resigned his position as deputy fish and game commissioner, and according to reports, in well informed circles, his resignation was asked for by the state fish and game commission. For some time antedating his resignation he has been carefully planning to land the higher salaried position, and is understood to have been programmed by the machine for the place. He failed to measure up to the test required by the state board, but that fact called for little heed by the push now running our things political. While the three other unsuccessful candidates have dropped out of the running, Morrison perseveres, and it is said the job of naming him will be pulled off next Tuesday.

Chairman MacMullan quotes a part of the horticultural law by which he seeks to buttress the claims of this man, even though he failed of certification by the state board. MacMullan seeks to do a turn for the head of the county committee, and bases his position upon the following sections of the political code:

"If no persons present themselves before the state board of examiners, or if after such examination no persons are found qualified, the state board of horticultural examiners shall name five residents of the county who shall be practical fruit growers and certify them to the board of supervisors and from these names the board of supervisors shall appoint a horticultural commissioner."

"Whenever from any cause, the number of persons eligible and certified to any board of supervisors from which to select and appoint a county horticultural commissioner is, or becomes less than five, the state board of horticultural examiners shall proceed to certify or recommend the names of additional persons as herein above provided."

That MacMullan's understanding of the statute is fallacious is shown in an opinion printed elsewhere of Attorney General Webb and which was read to the supervisors at their recent session when the matter of naming a commissioner first came up. Attorney General Webb shows with convincing logic that after names have been certified to by the state examiners, even though the number be not five no other names can be submitted to the supervisors for appointment to the office. If such were the rule, of what avail are the examinations conducted by the state board and why maintain such examinations at all?

E. B. Collier of Corona, a member of the state board of horticultural examiners, a cog in the Riverside political push, which affiliates with the machine in Orange county, has been in consultation at Santa Ana with MacMullan and Morrison. Evidences are not lacking, also, that the matter has been under consideration at the headquarters of the political bureau at Los Angeles. Collier maintains that Morrison passed the examinations, yet his name has not been certified to by the state board. Collier it is said will be present at the supervisors' meeting next Tuesday and make an argument in support of the claims of the machine candidate for the appointment. A writ of mandamus compelling the board to name Bishop, the only man to pass the examination successfully, may be filed at the meeting.

Citrus growers who oppose the appointment of Morrison, believing this great industry will be threatened by the placing of an incompetent man in this important position should be on hand to participate in the deliberations. If we read the signs of the times aright, there will be many such at the meeting, and if this crowning infamy of the machine be attempted there will be such remonstrance as even the push will scarcely dare ignore.

Former Vice President Fairbanks, a dispatch from China asserts, has shaved his whiskers. It is to be hoped this will provoke no complications regarding the open door.

Honduras lost its entire navy as a result of a naval engagement between its only gunboat and a pirate craft. The gunboat was spiked and put out of commission. Up to latest reports no word has come of a revolution as a result of the disaster.

San Francisco aims to be the Paris of America, and Los Angeles the Florence of the New World. San Diego will continue to remain the Podunk of the Pacific.

ON WHICH SIDE, BEZONIAN?

A number of orange growers throughout Orange county are circulating petitions asking the supervisors to appoint Roy K. Bishop horticultural commissioner. Bishop, it will by this time have been learned, is the only man who passed the recent examinations prescribed by law and conducted by the state board of horticultural examiners. He is thus the only man who has qualified for the place.

Petitions are also out for John W. Morrison, who failed in the examinations. Doc McFarlane, recently appointed veterinary surgeon by the supervisors, is said to have this latter petition in charge in this vicinity. Doc McFarlane does not represent the citrus growers. He is a horse doctor.

Citrus growers throughout the county, it may be added, are against Morrison's appointment to a man, and there need be little fear of petitions in circulation in his behalf. They oppose him because they consider his appointment a menace to the citrus industry of the county.

However, this is not what we would speak of at this time. We desire to refer to a different, albeit somewhat similar, matter.

One year ago, these citrus growers—all of them worthy citizens, all of them men of repute and standing in the community—were whipped into line for Estudillo for senator, because, as they had been told, the tariff, forsooth, depended upon his election. The clean men of the party, in convention assembled, instructed their delegates not to support him; yet the railroad machine rapped away a sufficient number of those delegates to give him the nomination. These citrus growers supported him in the campaign, and helped elect him over the protest of the clean men of the party.

The men who forced Estudillo's nomination, in defiance of the will of the party, are the same who are now trying to force Morrison's nomination, under precisely similar conditions.

We are overjoyed the machine is unable to stand them up and count them, as it did in Estudillo's behalf a year ago. We welcome them back into the fold of the clean men of the party—men who wear no railroad collar, nor receive favors in the shape of passes from them.

But the lines are being more tightly drawn with each succeeding year. On which side are these men in future to be?

On the side of the Estudillos, the Morrisesons, the MacMullans, the late S. O. Walker, or on the side of the clean men of the party? In a word, the railroad or the people? This is the railroad fight down to date. For the time being the fight is transferred into our very homes. The person at issue is a plowman in the great railroad machine ramifying throughout the state. He must be placed in office at all hazards, irrespective of the wishes of the people—the taxpayers, the citrus growers, the men who made and are making the country.

The railroad, or the people? On which side, Bezonian?

GERMANS PLANTING FORESTS IN CHINA

In considering the progress of the almost world-wide movement for protection of forests, an interesting review has just been made of the work in China—a country which is so often cited as an example of the evil effects of deforestation.

In a portion of the Celestial Kingdom earnest efforts are now being made to re-establish a forest cover by planting. Consul Wilbur T. Gray of Tsingtau, China, reports that the Germans in that region are making successful attempts at reforestation. The success of the work was practically assured at the start, for Germany is given the credit for having the highest developed system of forestry, and it was natural to expect that the long experience in forest work in the Fatherland would lessen preliminary experimentation and hasten progress in China.

When Tsingtau was occupied by the Germans about eleven years ago the hills were found bare and barren, with only a sporadic growth of scrub pine and weeds. Plans for reforestation were at once made, and about 2,565 acres have already been planted. About half of this is planted in acacias, the balance in pine, larch, walnut, oak, ash, maples, and alders. So successful has this planting been that the point has already been reached where the sale of timber can be made. Small branches are sold for fire wood and some of the timber is used for mining purposes. The sale and exportation of acacia is expected to become a considerable source of revenue during the next few years.

It is particularly remarkable that work should have been so successful in view of the difficulties to which the plantation was subjected. The rainfall is light and lack of moisture considerably retarded the development of the trees. By far the worst enemies, however, were insects. Various species of caterpillars and other

insects have been so destructive that thousands of Chinese boys and women are now engaged annually to destroy them. Various measures of prevention have been tried, such as placing girdles of glue on the trees, but these have not been effective, and it was found necessary to resort to a systematic destruction of the insects by hand.

During 1908 over seven million caterpillars were gathered by hand, smashed, covered with lime, and afterwards used as fertilizer. This method has been successful in protecting the greater part of the plantations but on the mountains on the border of the territory the trees are eaten bare. Acacias appear to withstand the attacks of the insects better than any other species, and the summits of the mountains are now being planted with these trees in an effort to check future destruction. In addition to these enemies, Chinese thieves are another source of difficulty, and on one occasion a band of thirty-six thieves was captured in the act of stealing wood.

In spite of these drawbacks, however, the work has been so successful that the Chinese government is now undertaking forestry schemes in a number of places under advice from German experts. This work centers about Mukden, Manchuria, where success has already been obtained with acacias and experiments are now being made with other trees. The first Chinese forest school was established in Mukden two years ago. Six hundred and twenty-five acres have already been set apart for cultivation, and 24,710 acres are to be purchased for afforestation.

Three large mines in China, in the provinces of Chihli and Shansi, which are under the management of Europeans, are making plans for afforestation, and the Shantung railway is planning acacias along 260 miles of its track. This, however, is simply a beginning of the work, and the Chinese government now has in contemplation reforestation work in different parts of China.

ADVISORY BOARDS RECOGNIZED

Seventeen Stock Associations Given Due Recognition

Washington, Nov. 4.—During the past year seventeen associations of Western stockmen have applied to the Forest Service for the recognition of their Advisory Boards, swelling the total number of associations thus recognized to forty-six. The recognition accorded entitles an association to receive notice of proposed action, and an opportunity to be heard by the local forest officer in reference to increase or decrease in the number of stock to be allowed the following season, the division of the range between different classes of stock and their owners, or the adoption of special rules to meet local conditions, and in every case the recommendations of the Advisory Boards are followed as far as the rights of non-members, and the other interests involved, will allow.

This cooperation is of value both to the stockmen interested and to the government. The stockman is afforded an opportunity to work out his own destiny; the Government has the benefit of his training and experience in meeting the complicated situations which arise in connection with its administration of the National Forest land. By this means the division of the land between cattle and sheep is conducted amicably, bringing about an absence of ill feeling and bitterness. The necessary reductions to provide for new owners or prevent damage to the range are distributed to the best advantage and in the way which will cause the least inconvenience or loss to the ones affected. Seasons are established which will secure a maximum of use of the range with a minimum of damage; and questionable claims are promptly adjusted, while conflicting claims to ranges and resultant disputes are settled within the association more often than by appeals to the government officers. Wherever an association is organized local administration follows.

ANAHEIM BOWLERS VICTORIOUS AGAIN

Harry Spielman, Roy' Gardner, H. Westerman, Peter Weisser and Wm. Houts escorted the famous Anaheim bowling team—Frank Schafer, Stump Huntington, Marion Cowan and Chas. Ensley—to Orange Tuesday night, and downed their opponents on the Litten alleys, as follows:

Orange team—High average, H. Woodward 133, H. B. Robertson 141, Earl Columbia 107, K. V. Wolff 147. Highest score, 158, by Robertson. Anaheim high score, Cowan 147, Ensley 149, Huntington 163, Shaffer 142. Highest score, 183, by Shaffer. Total pins, Anaheim, 1816. Orange 1585, giving Anaheim the game by 231 pins. Return matches will be announced later.

Max Nebelung measured .45 of an inch of rain for the showers on Monday morning.

PINCHOT'S MESSAGE TO CONGRESS

Water-Power Sites to Be An Issue in the Next Session

A recent statement issued by the chief forester outlines the policy established by Mr. Pinchot under the direction of Roosevelt relating to the control of water powers in the national reserves. The statement comes in a timely way because these matters are certain to make the fighting ground of the coming session of congress and the attorneys of the electric power trust have undertaken to challenge Pinchot's policy.

We quote from the statement: "After the transfer of the national forests from the interior department to the forest service in 1906 some things were done that had never been done before, such as initiating government control over water power monopoly in the national forests, giving preference to the public over commercial corporations in the use of the forests and trying to help the small man make a living rather than the big man to make a profit (but always with the effort to be just to both). Always and everywhere we have set the public welfare above the advantage of the special interests."

"Because it did these things the forest service has made enemies, of some of whom it is justly proud. It has been easy for these enemies to raise the cry of illegality, novelty and excess of zeal. But in every instance the service is fortified either by express statutes or by decisions of the supreme court and other courts, or the secretary of the interior, of the comptroller, of the attorney general, or by general principles of law which are beyond dispute. If there is novelty, it consists simply in the way these statutes, decisions and principles have been used to protect the public. The law officers of the forest service have the nation for their client and they are proud to work zealously for the public as they would in private practice for a fee."

Mr. Pinchot has taken care that his action in this relation and all its bearings are adequately "buttressed by law." It has been the accepted ground of attack by the monopolists that the law had been stretched by the forestry service and such action, even if taken to protect popular rights and interests, was intolerable in the view of the power grabbers. The forester was a lawless and disorderly person who must be reduced to subjection if Ballinger could do it. Yet it seems as if Ballinger's wings had been clipped something shorter than they were on his first ambitious flutter. Mr. Pinchot's statement is pointed straight at congress.

CLEANING RIVER CHANNEL

Gangs at Work Opening Waterway to Ocean

Work was begun on Monday at different points along the Santa Ana river from the junction with the Santiago creek to tidewater. For the first time in the history of the county a recognized river channel between these two points has been established, and work is being done, and probably will be completed within 30 days, to put the channel in shape to hold any flood waters that may come.

The property owners along the river and the various interests along the stream have united on the present channel, and all are working in harmony. The successful work of last year fully demonstrated that the waters can be controlled if an outlet to tidewater was provided.

The channel is being cleaned out, deepened where necessary, and dikes built or straightened where necessary.

The Newbert protection district directors are giving their support to the project, and have authorized the expenditure of \$2000 along the new defined channel, the expenditure being promised to pay when the district funds are available. The directors authorized the work to be done under the direction of the new river committee, consisting of O. H. Coulter, D. H. Dunkin and C. F. Heil. Dunkin will superintend the work from the Santiago creek to the Santa Ana sewer farm. The Santa Ana city trustees are clearing the channel through the sewer farm. Coulter is in charge from the farm to the Pacific electric bridge, and Heil from the bridge to tidewater.

The ranchers and property owners who have subscribed cash or work are, requested by the committee in charge to pay in the money or report for work to the committeeman in charge of his section. Those who have not already paid in or reported, or who have not subscribed, should do so at once. The committee is anxious to have the work completed within thirty days. When the work is done the river situation will be in far better shape than it has ever been.

I have some good property to exchange for Anaheim ranches. Let me list your ranch. Robert Johnston. (over Beebe-Weiss store.) 11-11-f

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Joseph Helmsen

L. T. Carpine has returned from a three-months' visit to the Seattle fair Portland and other up-coast points of interest.

H. C. Gade leaves today for Skidoo, Inyo county, to do assessment work on mines. He will be absent several months.

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NEWS AND BUSINESS

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A bunch of winners in the auto line: Durocar, Studebaker, E-M-F and Hupmobile. Wm. F. Lutz Co., Santa Ana.

Second-hand store building for sale. \$125. Apply to Second Hand store.

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The Folding Crate Co. has a stock of walnut trays ready for delivery.

For novelties in Chinaware see A. Nagel.

Imported Winningsted cabbage seed at Dickel's.

Are they all using the Oliver No. 5 Typewriter? Not yet—but soon. Why? Ask Carl G. Jörn, Jörn building, Orange, Calif.

For Sale: Valencia orange and lemon trees. W. A. Knuth, N. Tustin St., Orange, 1-4 mile south of S.P. trk.

For Sale—A fine five-year-old horse, suitable for any purpose, especially for family service, at a reasonable price. Inquire of I. Asher, 308 E. Broadway. Phones, Home 1164, Sunset 473.

Corn shelled, wood sawed, by contract or day. F. B. Tuffree, Placentia. You will do well to inquire of Mr. Tuffree for wood, hay and grain. nov4-tf

A 1200 lb. 9 year old good work horse at \$90 cash. Wickersheim Implement Co.

We repair watches where others fail. Dietrich, the jeweler-optician. There was an old fellow named Hale. Had a spout as big as a whale.

When they heard his bazoo Doc MacMullan fell through, And Johnny the Hotfoot turned tail.

See I. Asher if you have any produce for sale. He pays spot cash and best market prices.

For Sale: Budded Valencia orange trees. Also seed bud orange stock. S. B. Winters, 3 miles west of Anaheim; or leave orders with Judge Howard, 142 So. Los Angeles street, Anaheim, Cal. nov4-tf

A German professor named Fröh Ornamented a gay Christmas tree. When he played his cornet, There was music, and yet Johnny Ziegler sold checks for a spruce Potato Sacks. For sale in quantities to suit, at prices cheaper than the cheapest. Frank Champlin, Sunset 1593, Anaheim. 028-3

Joe Helmsen has a consignment of new songs for his graphophone, one of the best being the Lost Chord. It probably refers to the man who bought a load of wood and left it in the back alley over night.

Point by point we can show you for simplicity and durability. Wm. F. Lutz Co., Santa Ana.

What we do, we do well. We fit glasses, Dietrich, jeweler-optician, at Anaheim.

On Tuesday the Wickersheim Implement Company unloaded a straight carload of drag, disc and spring tooth harrows, direct from the factory in the East by steamer, via San Diego. This enterprising house has deservedly won its success by selling such well known high quality lines of implements as the Moline, McCormick, Osborne and the International Harvester Company. They make a specialty of all kinds of farm machinery and vehicles and their repairs and extras, and we wish to say right here to any rancher in need of a good implement of any kind, or its repairs, that the best and surest way to get them is to phone, or call on the Wickersheim Implement Company, of Fullerton.

NEWS AND BUSINESS

The regular monthly business meeting of the Christian Endeavor society will be held at the residence of Mrs. Will Wallop on South Olive street Friday evening.

Social dance tomorrow (Friday) evening. All come. You will have a good time.

Senator La Follette of Wisconsin speaks at Santa Ana on Friday evening. A delegation of admirers will probably go over from this city to hear him.

B. Hartfield has just finished his optical department. It is certainly a fine one. The latest instruments and best methods for testing eyes. We will certainly treat the people right. nov11-tf

Mrs. Carlotta Gotwaldt, late of New York City, has opened a vocal studio in Blanchard hall, building, in Los Angeles, and will open one in Anaheim Wednesday and Saturday afternoons of each week. Mrs. Gotwaldt is the possessor of a beautiful mezzo-soprano voice of high dramatic quality, full of richness and power. She comes very highly recommended to us as a lady of unusual ability. She has been a pupil of Cappansie, Italy, and has taught with great success in New York, as well as at Illinois college, Jacksonville. She thoroughly understands the art of building the voice to its full realization of its powers. Mental pictures are used as well as both gymnastics and physical culture. She also is a composer of considerable note.

Burr Clover and Alfalfa, Morris & Snow Seed Co., Los Angeles. 028m1

Our harness is handmade from the best California oak-tanned leather. Wm. F. Lutz Co., Santa Ana.

Fresh Oysters at City Market.

If you want glasses that really fit. See Dietrich at Anaheim. He is it.

Ed Schneider has recovered from an illness which kept him home a couple of weeks, and has resumed his position at the Palace Market.

For Sale: Orange and Eucalyptus stock. Fine young trees. F. W. Champlin, P.O. box 114, Anaheim. The trees may be seen at the ranch one mile east of Anaheim. nov4-tf

The Folding Crate Co. has a stock of walnut trays ready for delivery.

We have something special to offer buyers of buggies. Wm. F. Lutz Co., Santa Ana.

Wood for Sale: In quantities to suit, at reasonable prices. Prompt delivery and satisfaction guaranteed. Apply to W. D. Thompson. Sunset phone 107.

Two Fetzter and one Bemis Transplanters for transplanting sweet potatoes, cabbages, etc., as serviceable as new at a good bargain. Wickersheim Implement Co.

The vital parts of a Studebaker wagon are made just right. Wm. F. Lutz Co., Santa Ana.

For Sale: Young pigs. Four miles and a half west of Anaheim. Schumacher Bros. Home phone 1861 171f

For Sale: A bargain; southwest corner Resh and Chartes Sts, modern 5-room house, bath and toilet room, pantry, front porch and back screen porch; electric-wire and gas pipe connection; small barn, chicken corral; lot 50x127 feet to alley; price \$1900. And lot 50x137 feet to alley north side West Center street, near high school, price \$700. Or \$2500 for all. See owner, John Wiener, Anaheim, Cal. nov4-tf

For Sale: Two 2-gang and one 3-gang second hand Disc Plows as serviceable as new. Wickersheim Implement Co.

Many children need glasses and need them badly. Take them to Dietrich. He will fit them gladly.

Implements and harness of every description. Wm. F. Lutz Co., Santa Ana.

Stop and get a Portable Lamp from \$3.00 to \$6.00 at A. Nagel's.

THANKSGIVING TURKEYS

Young turkeys for sale for Thanksgiving. In prime condition; all first class birds. Apply to Mrs. Turk, South street. nov4-tf

Automobile and fire insurance. H. V. Wiesel.

Fire extinguishers and fire proof safes. Wm. F. Lutz Co., Santa Ana.

Charley Halley has recovered from a severe abscess on the foot.

The Apollo club will meet at the home of Mrs. Geo. L. Dietrich on Nov. 19.

Joe Hill was in town a day or two ago from his ranch in the west country.

Chester Holcomb has purchased from the Beebe-Wiesel company a \$2000 Buick auto.

H. C. Jordan and wife have arrived from Eastern Washington and will become permanent residents.

Mr. and Mrs. Alex Henry returned last evening from Scotland, after an absence of nearly six months. For some weeks past they have been the guests of Mr. Henry's brother-upstate.

Gerald Sandlands will begin shipping the new season's orange crop the first of the month from the new packing-house on Santa Ana street. The structure will be fitted up as one of the most approved packing-houses in Southern California. Mr. Sandlands expects to ship 150 carloads of fruit.

Don David Yorba was in town from up the river on Saturday. Don David has lately returned from a three-months' camping trip as far south as Tia Juana. He reports an enjoyable outing, and his looks bear him out in the statement that the pacer acted as a stimulus to his usual robust health. He lived on quail and various other morsels of the fat of the land.

Frank Forster, a San Juan Capistrano rancher, has been appointed a deputy State fish commissioner. Announcement is also made of the appointment of W. K. Robinson as a deputy. J. W. Morrison, who has been the only deputy in the county, drew a salary of \$100 per month. Morrison is no longer in the position. Robinson draws \$50 a month and Forster \$33.30.

W. W. Crone was painfully injured at the folding crate works on Tuesday morning, by being struck in the eye by a piece of steel flying from the machinery. He was repairing a portion of the machinery, when as he was using a hammer, a piece flew off and lodged in the eye. He was taken to Los Angeles to be treated by a specialist. He was accompanied by W. C. Snow.

Sheriff Lacy has filed a return of the writ of attachment issued in the case of H. S. Haddall against the Case, Hinz company, for \$115,000, alleged to be half the profits of building and selling the local sugar factory to the Southern California Sugar company. The return shows that the sheriff attached 1860 shares of stock standing in the name of the Case, Hinz company, and 176 shares standing in the name of Fred H. Case.

President Thomas and Cashier Boege of the German-American bank had dealings with a bank swindler the past few weeks, but their ideas of old-fashioned honesty, coupled with an eagle eye, turned the count down hard. These gentlemen actually had the audacity to refuse payment on a \$10,000 check presented by the count. Has it come to this, that the nobility cannot get money from a couple of country bankers when in need of it? Holy Moses, what an impoliteness.

The suit of the Commercial bank of Santa Ana to recover \$5000 from John R. Gardner, J. E. Nelson, Charles Campbell and other promoters of the Kelso mine was dismissed this week in the Superior Court. The claim was satisfied out of court. The note was given in July, 1906. All the defendants are now out of the mine, which has passed into the hands of other owners. Two men are now at work on the mine, which is in San Bernardino county near the Nevada line, doing assessment work. The owners say development work will be taken up in the near future.

Mrs. Dolly Glass, aged 98 years and 10 months, died suddenly at her home in Centralia last week. She was attempting to rise from her bed early in the morning, when she fell back dead. Mrs. Glass had been a resident of Centralia less than a year, coming hither from Los Angeles where she had lived twenty years. Some months ago she decided to return to the east, and a son accompanied her. She was dissatisfied with her old home and came back to California. The remains were shipped to Illinois for interment.

Fresh Oysters at City Market.

PUMPING PLANT PITS

All kinds of wood or brick well pit and cesspool work done in a prompt and workmanlike manner. Old pits repaired. Rates reasonable. Call on or address Ben Cook, Anaheim, Cal. Residence corner Santa Fe and Chartes streets. 8-5-tf

Now is the time for those Xmas photos. Come early and avoid the rush. H. Betzold. Phone Sunset 1603.

Johnny Hanna came down from Riverside on Saturday on a short business trip.

Mr. and Mrs. McLaughlin have returned from a trip to San Francisco and other up-state points of interest.

The Miercoles club will meet with Mrs. Geo. L. Dietrich, corner Adele and Hedwig streets, on Wednesday afternoon, Nov. 17.

Johnny Walls and Will Hall, accompanied by their better halves, went to Newport Beach on Sunday for a fishing excursion and outing.

Judge West has granted an interlocutory decree of divorce to Ferdinand Bain of Fullerton from Hattie Bain, on the ground of desertion.

Property owners on Claudha St. are signing up for paving. A majority frontage has been secured, and the work will probably be undertaken before long.

D. A. Cole was in town from his walnut ranch west of town on Saturday. Mr. Cole is harvesting a crop of as fine walnuts as were ever grown in the county.

Mr. Neff is in Imperial county this week, making arrangements to hold farmers' institutes at El Centro, Imperial, Calixico, Brawley and other points in that neighborhood.

L. Borchard has let a contract for the erection of a thirty-foot front brick building adjoining the water office on the east. The building will be occupied by Frank Nemetz as a second-hand store. James Conliff has the contract.

Charles E. Jones leaves this week for a business visit to Victorville and Kelso. At the latter point his company is doing assessment work upon their mine, and will probably in the not distant future resume extensive developments.

Ed Olmstead went to Orange on Monday on business connected with his investment company. He will shortly begin the erection of several residences in that town. The company will do business in Anaheim, Fullerton, Orange and Santa Ana, and will maintain headquarters in this city.

Rudolf Fossek has applied for letters of administration on the estate of Ida Fossek, who died on March 14. She left a will whereby she provided that the rental of an eighty-acre farm in Benson, Minn., should be divided until her husband's death, when the farm shall go to her children, Lizzie Clemer, August and Peter Keller. H. J. Wiesel is attorney for the petitioner.

Herman Stock had a horse badly scarred although not seriously injured by falling through the roof of his barn on Clementina street. The animal was high spirited and leaped upon a manure pile, going thence up on the roof of the stable. It fell a distance of ten feet, and was scarred upon the stomach by being scratched by projecting beams. Otherwise it escaped injury. Herman paid \$225 for the horse a few days before, and reckons it an atrocious bit of hard luck to have it scarred in this manner.

Mr. and Mrs. Frank W. Champlin of East Anaheim drove into town the first of the week with the horse recently stolen and which was recovered last week in Los Angeles. The horse is a valuable animal, and is a pet at the Champlin home. Its owner is naturally overjoyed to recover his property, and intends to prosecute the thief. The culprit is now in jail in Los Angeles, and must answer for thefts of several horses and a motorcycle. He will probably go up for a long term of years. When he comes out of prison, Mr. Champlin will be ready to send him back to prison again.

Articles of incorporation were filed with County Clerk Williams Tuesday by the Orange Athletic club. The purpose of the club is to erect and maintain a building and grounds to be used for athletic purposes and for the playing of games. A large amount of money has already been subscribed, and the club is now certain to prosper. The directors named for the first year are F. L. Ainsworth, George S. Harper, William O. Hart, F. Pratt and William T. Porter. Ainsworth, Harper and Pratt have subscribed \$100 each, Hart \$50 and Porter \$30. The club is composed of Orange people. The capital stock is \$5000.

The Superior Court has declared the organization of the Delhi drainage district valid, and declared the \$25,000 bonds of the district also to be valid. The district was organized for the purpose of putting in a system to drain 7000 acres in the Delhi, Pollorino and Old Newport districts. Bonds were voted. In order to back up the bonds that there might be no question in the minds of bond buyers, the action in judgment was entered and was brought by Attorneys Williams & Rutan for the district, of which A. T. Armstrong, Daniel Boyde and Jacob Manderheld are directors. All persons interested in the bonds and the district were named as defendants. Judgment was given by Judge West and the bonds and the district both declared legal.

Killian Stimson of Oxnard was a guest of friends in town the first of the week.

Mrs. J. P. Hatzfeld entertained a number of her friends at 500 Thursday afternoon.

Painter Webb is decorating the N. Hart building at Center and Claudina streets with a new coat of paint.

Rains have shown the superiority of paved streets over the old roadways. Now is the time to get out those petitions.

Two more Mexicans, making six all told, have been placed in the County Jail on suspicion of being connected with a bicycle-stealing gang.

Married men entertained the Rebekah lodge on Friday evening with a supper at Odd Fellows' hall. After the repast all hands repaired to the moving picture show. Married ladies will entertain on evening of Nov. 19, and later the unmarried ladies of the lodge will show them what real entertainment is like.

Bert Simpson is shipping two sets of elk horns from Montana to this city. On Monday he received from the game warden of that state notification that 60 cents must be paid in order to permit the horns to be shipped. Mr. Simpson remitted the amount, and the horns will probably arrive in the near future. They are seven-pronged antlers. One pair will be given Mr. Rea. Mr. Simpson has forty pairs which he thinks of shipping here, and making a fence with them around his handsome residence on Philadelphia street.

William Hineman and H. P. Todd have opened the Anaheim steam laundry, and will be ready for business on Monday. Both gentlemen are experienced laundry-men, and will turn out nothing but first-class work. The establishment will fill a long-felt want in the community, and we bespeak for them a liberal patronage on the part of our citizens. A number of experienced hands will be employed, and at all times efforts will be exerted to the end that work entrusted to them will be promptly and satisfactorily turned out. Patronize home industry.

County Superintendent of Schools Mitchell has secured the services of several well known educators for the Orange county teachers' institute to be held on Dec. 20-21. The teachers from this county will hold a joint session with the Los Angeles city and county teachers on Dec. 22, and with the Southern California teachers' association in Los Angeles on Dec. 23 and 24. Dr. George Vincent of the University of Chicago, will deliver two addresses during the institute in Santa Ana. Addresses will be given by T. H. Kirk, a well known California educator, formerly superintendent of schools at Santa Barbara, Dr. Scherer, president of Throop Polytechnic of Pasadena; Miss Sara Featherstone, of the Winona Lake, Ind., normal school; H. G. Steans and S. S. Twombly, Orange county principals, and Dr. Willella Howe Waffle of Santa Ana.

Mill Remnant Sale

Closes positively Saturday, Nov. 13th. More and bigger bargains than ever before. Among the many we mention the following:

\$1.50 36-Inch All Silk Taffeta, 98 Cents
75 ct. and 85 ct. Dress Goods, 53 Cents

Special Prices on Table Linens and Napkins.

WILLIAM FALKENSTEIN

TO HAVE
SOFT, WHITE HANDS
 It is necessary to protect them.

WEAR

Rubber Gloves

They are Convenient, Durable and Serviceable
 3 Sizes - 75c Per Pair - 3 Colors

Heying Brothers,

PHARMACISTS
 Near Post Office - Anaheim, California.

Harry E. Presley, alias H. S. Watson, is charged with the burglary of a freight car at Richfield on Nov. 4. The car belonged to the Buffalo and Susquehanna railway company and was on the Santa Fe tracks. Presley was arrested after his companion and the officers had exchanged shots. Presley has been in the county jail three times. Last year he led a strike on the rockpile, which was quelled by a stream of water turned on the strikers by the jailer. Presley's preliminary examination will be held before Justice Smithwick on November 18. Presley is apparently a well brought up, bright man.

C. E. Holcomb has petitioned the Superior Court for letters of administration on the estate of John P. Zeyn, who died on Oct. 7. The estate consists of about \$6000 life insurance, the lands and other property having been deeded to heirs before death of testator. The heirs are two daughters of the deceased, Wilhelmina J. Holcomb and Dorothea Zeyn, both of this city. The petition states that Zeyn wrote a will in 1905. In 1907 he wrote another will revoking the 1905 will, and since 1907 he revoked the 1907 will and destroyed it. E. F. Wehrle of Los Angeles is attorney for the petitioner.

Are you ready for the Grand Masquerade Ball, Friday evening, Nov. 19, from shock.

PALMER'S PERFUMES

need no introduction. Ask any one that has used them. Come in and see our complete stock of :

Palmer's Perfumes

We will be glad to perfume any lady's handkerchief with her favorite odor at any time FREE

MULLINIX DRUG STORE



FIGURE ON THIS BANK

as being much more than a mere custodian of your money. Take into calculation the fact that the bank cannot make money by hoarding but by circulating it.

The German-American Bank therefore is always ready to entertain any proposition involving money. Its loan department may be of service to you. It will be glad to assist you upon reasonable security and at reasonable rates.

GERMAN-AMERICAN BANK

COMMERCIAL AND SAVINGS

FUEL FOR TORPEDO-BOATS

Tests of Coal and Briquets in American Navy

The results of "Comparative tests of run-of-mine and briquetted coal on the torpedo boat Biddle," have just been published by the United States Geological Survey as Bulletin 403, by Walter T. Ray and Henry Kreislinger. The main object of these tests was to determine whether briquetted coal can be used on torpedo boats with advantage over run-of-mine coal. The fuels were compared not only with respect to economy but as regards the tendency to smoke, the amount of sparks emitted from the stack, the rate at which steam can be made, the ease with which the fires are handled, and the ease of transferring fuel from the coal bunkers to the fireroom.

The coal used in the tests came from four different mines in the New River coal field, in West Virginia. The briquets made from these coals were of two sizes; the larger were rectangular, 6 3/4 by 4 1/4 by 3 inches; the smaller were circular, in cross section, 3 1/4 inches in diameter, 2 1/8 inches thick in the center, and 1 1/4 inches thick at the circumference. The binder used was 6 per cent of water-gas pitch.

The bulletin contains a detailed description of the tests, with complete tabulated results of observations and diagrams showing graphically the relations between the various factors in coal consumption. Although the deductions and conclusions of the authors must be regarded as applicable only to the particular conditions—that is, to the tests of New River run-of-mine coals when burned under a boiler of the Normand type on vessels of the torpedo-boat class—yet much of the comment is suggestive and useful to operators of steam plants in general.

The tests showed that there is little or no gain in efficiency in burning briquets of either size, as compared with coal, but that a somewhat higher boiler capacity can be obtained with briquets. Steam can be raised more quickly with briquets than with run-of-mine coal.

Both large and small briquets make at least as much smoke as run-of-mine coal, and there seems to be more flaming in the stack with the briquets than with the coal. The amount of sparks is about the same with both forms of fuel.

When briquets are burned the fire does not need to be disturbed, but when coal is used the fuel bed must be broken up, generally after each firing.

Run-of-mine coal can be transferred much more readily than briquets from the coal bunker to the fireroom, there is much difficulty in handling briquets in the narrow bunkers and the small fireroom of the torpedo boat, and with briquets the capacity of a coal bunker is reduced by 23 to 27 per cent.

The paper concludes with a discussion of the character of the black smoke formed in the combustion of smoky fuels and of the best means of avoiding this nuisance and waste.

Bulletin 403 may be obtained free by writing to the Director of the United States Geological Survey at Washington, D. C.

STATE'S INTERESTS IN DANGER

Nevadans Warned to Be Alert in Protecting Their Rights

Reno, Nev., Nov. 6.—United States Senator Newlands, in an address last night, before the senatorial committee on irrigation, warned the people of Nevada to be on the alert to see that their rights as consumers to be of electrical power were not infringed as a result of the contract under consideration by the President between the Hammon Waterpower people and the government affecting Lake Tahoe and the waters of Nevada.

Senator Newlands, after reverting to the fact that the west had one-third of the representation of the senate, and, with Arizona and New Mexico admitted, would have even more and without partisanship could have a predominating influence on legislation affecting the west, turned his attention to reclamation and conservation, which he said were allied.

He said the reclamation act was the first blow at the spoils system of division of government money, and that the conservation policy of the government was directed to keep the lands, waters, mines and forests beyond the power of monopoly.

While he did not think it desirable for the government to go into the waterpower business, Senator Newlands stated that a restriction could be imposed by the government in whatever grant was made, whereby the rights of the people and safety from monopolistic control would be assured, and if the nation failed in that it would be incumbent upon the state to look about for protection.

Without discussing the precedence entailed, he stated that the people of Nevada had a right to secure the use of waterpower or electricity as a derivative at a reasonable charge.

Senator Newlands concluded with the surmise that it might be best to affirm the Hammon contract now before the president, but if it was to be affirmed a tribunal sitting as a public service commission should, under the sanction of both state and national governments, take in hand the matter of regulating charges and preserving the rights of the people.

CALIFORNIA IS INTERESTED

Two Meetings of Importance Soon to Be Held in Chicago

From November 16th to December 4th two very important events will take place in Chicago, and California is deeply interested in both of them. On Nov. 16 the National Farm Land Congress will open its session which will continue five days, the meetings to be devoted to educating and informing the people of the entire country as to the possibilities of development of all lands.

On Nov. 20 the United States Land and Irrigation Exposition will open to continue until Dec. 4 it being devoted to a display of products from farms of the Middle and Western States, together with exhibits from experimental farms of the United States and the various states.

The California Promotion Committee has secured large space at the exposition for the display of pictures and distribution of literature and has secured the concession of delivering illustrated lectures every day during the continuance of the exposition. Dr. Clarence E. Edwards, chief of the literary bureau of the committee, who is well and favorably known all over California as a lecturer, will go to Chicago to deliver the lectures and superintend the work of the committee. He is also on the program of the national farm land congress for two lectures and has been appointed by Governor Gillett as the stated speaker on behalf of California on the regular program.

Rufus P. Jennings, chairman of the committee, is a member of the advisory committee for California, and is also a member of the program committee, and he has written to all commercial organizations of the state urging them to send delegates to these meetings. He calls especial attention to the great advertising possibilities of these gatherings, as there will be fully half a million Middle Western farmers in attendance. Chairman Jennings will be glad to enter into correspondence with anyone interested, and will give full details of what is to be done.

HIS GIRL HIS RUIN

Five Years in Prison for Running Away With Her

J. W. Hatfield, one of the last survivors of the Hatfield-McCoy feud of Pike county, Kentucky, a Rough Rider who fought at San Juan with Roosevelt, former deputy sheriff in Orange county and in Cucamonga, where he arrested a Mexican on a murder charge, was sentenced by Judge Davis in Los Angeles on Thursday to five years in San Quentin on a mistreatment charge.

Sentence was imposed after Hatfield made a plea that brought tears to the eyes of many men who listened to his story.

He pleaded guilty to running away from Ventura with Pearl Eastman, 14 years old. He was arrested at Redondo Beach with the girl. Sentence as imposed by Judge Davis was the minimum for the offense.

"I have done wrong," Hatfield said. "I want to be sentenced, judge, and to serve a prison term, but I don't want to come from prison a white-haired man. I want a chance to be a good citizen and to help my old mother when I come out."

"I wanted to marry this girl. She was willing, but her grandparents would not let me. I was a hired man on their place at Ventura."

"When her grandfather opposed our marriage, we ran away. Back in Kentucky that was no crime, and I always have wanted to marry the girl."

"My father was killed from ambush by one of the McCoy's. My mother has no one left to support her. I served in the Spanish war at San Juan hill. I have been a ranger in Texas and Arizona and have done duty as a peace officer. I know I have violated a law and want to pay the penalty."

He accepted sentence without a word.

MARKET HUNTERS JAILED

Colusa, Nov. 4.—R. L. Ellis and M. Gifford, market hunters, have been arrested here on the charge of violating the new law passed by the last legislature, which prohibits the stalking of geese or other game by means of animal shields or other blinds of that nature. The men arrested have used a steer to enable them to get close to the flocks of geese, when the hunters poured a fusillade of shot into the flocks, using four-barreled No. 4 guns. The birds are slaughtered in this manner by the hundreds. The present case probably will be used as a test. The trial was set for Nov. 10th.

CALIFORNIA WATER WAYS

Enthusiastic Interest Attaches to Meeting to Be Held at Washington

When a small body of enthusiastic believers in waterway improvement gathered together in Washington five years ago, and formed the nucleus around which has been formed the National Rivers and Harbors Congress, they did not hope for such great results as have already been attained. At the last meeting, held in Washington a year ago, more than a thousand delegates were in attendance, and the indications for the coming session, to be held in Washington, D. C., December 8th to 10th, inclusive, bid fair to have nearly double that many in attendance.

California is especially interested in this Congress and its discussions and at the last session was represented by a large body of delegates. At the coming session there should be still greater interest shown owing to the fact that a strong effort will be made to have a systematic campaign for general betterment inaugurated.

Bonds to the amount of \$500,000 were endorsed by the last congress for the purpose of improving all waterways and harbors of the nation, and these bonds have been endorsed by such men as President Taft, Ex-President Roosevelt, Secretary of State Philander C. Knox and by hundreds of thousands of business men all over the country. The coming session will devote a large part of its discussion to the campaign for these bonds.

President Taft, who is deeply interested in everything pertaining to a betterment of the American merchant marine and the inland waterways of the country, will deliver the opening address of the congress.

It is especially urged that all commercial organizations of the state take steps toward being represented at this coming congress, each organization being entitled to send delegates in addition to those sent by the governor.

TUNGSTEN ORE IN ARIZONA

Report by the United States Geological Survey

About 12 miles south by a little east of Benson, Cochise county, Ariz., in the Whetstone Mountains, an attempt has been made to mine wolframite, the tungstate of manganese and iron, from deposits that are thought to be unlike anything heretofore described in the literature of ore deposits. The mineral occurs in a light-colored granite that is intrusive in mica schist and limestone, being found near the contact of granite and schist and in a tongue of granite 60 or 70 ft. long, which runs out into the schist. Most of it is in segregations in the granite similar to hornblende and biotite segregations in granite at many other places. The ore appears to be an original constituent of the granite. The deposit was formerly worked and a few tons of ore were taken out and shipped. It is said that as mined and hand picked the ore averaged 10 per cent of tungstic trioxide. No work has been done here for the last two or three years, and the deposit is of interest mainly because of the peculiar occurrence of the mineral. A short paper describing this deposit, by Frank L. Hess, appears in Bulletin 330 of the United States Geological Survey, a copy of which may be obtained on application to the Director, Washington, D. C.

Y.M.C.A. CONFERENCE

Meeting Will Be Held at Anaheim on Sunday, November 21

A Workers Conference is to be held at Anaheim on Sunday, Nov. 21, for the men of the county. T. J. Wilkie, Rev. R. A. Hadden and other speakers will be here. These men are so well known in Orange county that their names assure a strong program. Watch the papers for the program.

The Older boys' conference of Southern California will be held at Redlands, Nov. 26-28, and it will be the best yet held.

Orange county will be allowed about 20 or 25 delegates of boys 14 to 18 years of age. Any boy interested and wishing to know about the trip consult with the county secretary.

OUR ANNUAL PRODUCTS.

County Statistician Makes Annual Report.

Ralph A. Fuller, county statistician has filed with County Clerk Williams the annual report made by him to be forwarded to the State Agricultural society.

The following figures are taken from the report showing the products for 1909:

Cereals—Wheat \$71,750, barley \$546,390, oats \$49,500, corn \$3100; total \$670,830.

Hay—Alfalfa \$197,200, grain \$387,750; total \$584,950.

Green Products—Apples \$750, apricots \$3120, blackberries \$5266, beans \$11,000, cabbage \$119,475, celery \$535,059, cauliflower \$70,500; sweet corn \$150, grapes \$30,000, grape fruit \$3840, lemons \$75,064, onions \$8865, oranges \$1,276,191, olives \$24,250, pears \$1293, peaches \$62,760, peas \$6880, persimmons \$1000, plums \$4800, Irish potatoes \$459,920, sweet potatoes \$76,085, prunes \$960, strawberries \$22,000, tomatoes \$108,800; total \$2,908,628.

Dried Products—Apricots \$225,600, beans \$800,000, peanuts \$2400, walnuts \$872,400; total \$1,900,400.

Canned Products—Peaches \$6666, tomatoes \$33,335, assorted \$50,000; total \$89,999.

Wines, etc.—Dry wines \$6175, sweet wines \$3900, beer \$72,000, brands \$750; total \$82,825.

Fish—\$17,855.

Dairy Industry—Skimming stations \$63,220, creamery butter \$39,000; total \$102,220.

Livestock Industry—Beef cattle \$11,790, stock \$190,400, dairy cows, graded \$3000, dairy cows, thoroughbred \$438,225, heifers \$6960, calves \$11,000, swine \$22,000, horses, thoroughbred \$4700, horses, standard \$20,250, horses, common \$678,700, colts \$93,200, jacks and jennies \$1500, mules \$284,000, sheep \$65,700, lambs \$6100; total \$1,338,495.

Wool—\$73,565.

Poultry and Eggs—Chickens \$87,425; ducks \$900, geese \$3200, turkeys \$48,000, eggs \$72,500; total \$168,922.

Miscellaneous—Bees \$27,000, beeswax \$300, honey \$36,900, sugar beets \$679,615, chili peppers, green \$7500, chili peppers, dry \$15,000, okra \$150, rhubarb \$125, dill \$200, apricot pits \$12,500, apricot kernels \$14,000, bean straw \$4000.

Manufactures—Folding crates \$50,000, wood boxes \$25,000, brick \$12,000, cigars \$37,000, confectionery \$16,000, flouring mills \$392,000, ice plant \$12,184, machinery \$125,000, nurseries \$392,100, olive oil \$1500, pickled olives \$200, pipe cement \$158,000, artificial stone \$7000, sugar beet \$1,000,000, tiling \$77,361, electrolytic oil \$1800, crude oil \$5,913,000.

A PRAYER.

Just as I shape the purport of my thought, Lord of the Universe, shape Thou my lot.

Let each ill thought, that in my heart may be, Mould Circumstance, and bring ill luck to me.

Until I weed the garden of my mind, From all that is unworthy, or unkind.

Am I not Master of my mind, dear Lord? Then as I think, so must be my reward.

Who sows in weakness, cannot reap in strength; That which we plant we gather in at length:

Great God of justice, be Thou just to me; And as my thought, so let my future be.

—Ella Wheeler Wilcox in Nautilus.

Paris Student Restaurants.

Student restaurants in Paris are an institution that Americans may well envy. They are run solely for the benefit of the students, although strangers are welcome. There are certain little formalities that must be observed. For instance, it is the duty of every one entering to bow to the madame and say, "Bonjour, madame," or "Bonsoir, madame," according to the time of day. After one has finished his meal he asks for the "addition," as the bill is called. When it is presented by the trim little waitress it is considered only proper to say, "Merci, mademoiselle." He then leaves a tip of 10 centimes, or 2 cents, and, again bowing to the madame and saying "Bonjour" or "Bonsoir," he is at liberty to leave. The highest priced article on the bill of fare is 75 centimes, or 15 cents, and this in all students' restaurants is a chateaubriand, a tender piece of beefsteak surrounded with potatoes auflait. Never drink French coffee. It is execrable. The French do not consider coffee good unless the bean is burned to a black crisp.—Lyceumite.

Oak Mark For Government Surveyors.

The sky line north of Mountain Home, Ark., rises in two long curves, then flattens out and leaves in silhouette above the crest of what is known as Wallace knob a solitary tree. It is such a strikingly lovely tree that no visitor to the town fails to notice it and ask how it got there. Then he hears that several years ago the government engineers decided to find out the exact fall of the land from Denver to Atlanta, Ga. Wallace knob on account of its elevation was chosen as one of the three chief observation points in a huge triangle. To mark this knob with a conspicuous object to sight at all the trees on it were cut off but this one marker. It is an oak fifty or sixty feet in height.—Kansas City Star.

An Expensive Wedding Gift.

Harwood—But if you hate the chap that won your old girl why did you send him an expensive wedding present? Cogger—Hill! I sent him my old automobile for revenge. It breaks down every few miles and costs a rich man's income to keep in repair.—Chicago News.

Interchange of Opinion.

Said William's Wife—William can make money, but he will never be able to save any.

Said William's Mother—That is just what I warned my son when he wanted to marry you.—Baltimore American.

Encouragement.

Mr. Park—Last night I dreamed that I proposed to you. Miss Gramercy—How much more sensible you are asleep than awake!—Judge.

An Early Georgia Monster.

In the fore part of August, 1812, a party of hunters found in a mountainous region now known as Rabun county, Ga., a being nearly eight feet high covered with bluish hair and having a human face adorned with immense ears resembling those of an ass. The creature was stone deaf and on that account seemed wholly unconscious of the approach of the men. This monster seems, from all accounts, to have been seen upon several occasions during the next four years. In 1816 a number of adventurers from Virginia, most of them surveyors working on the unexplored portions of Georgia and the Carolinas, formed themselves into a party for the express purpose of capturing the uncanny being if possible. They scoured the hills and valleys for several days and at last returned unsuccessful to the starting point.

The many tales told of this extraordinary being seem to have created quite a stir all along the Atlantic coast. A printed circular issued by a land company in 1815 says, "The climate of Georgia is exceedingly mild, the soil productive, and the danger of attack from uncouth beasts which are represented as being half beast and half man are fairy tales not worthy of consideration."—Exchange.

Made It Quite Clear.

The engineers of a party in the field were continually annoyed by the curiosity of the farmer folk in the country round. Each and every day their progress was blocked by some inquiring soul who would have liked to spend the forenoon acquiring answers to questions of why and whither and how far and what for, relates the New York Sun. At last a serious faced young man took an interested bucolic graybeard one side and explained matters.

"Now," said he, "I'm telling this to you, and I don't want to go any further. We have discovered that the earth is a parabolic hoid, and the ordinates and co-ordinates do not quite tally by a foot or perhaps by fourteen inches. The place where the game comes has been located in that field just ahead of us. We don't want it mentioned, but we are getting ready to blow up the spot and make an incision before beginning the operation of joining the two."

The engineers finished their labors in peace and solitude.

The Shilling Bequest.

The wealthy auctioneer who reduced the inheritance of a daughter to an annuity of £104 because she had become a Socialist reminds one of the old fashioned "cutting off with a shilling." Why a shilling rather than nothing? Blackstone explains. The Romans used to set aside wills as deficient in natural duty if they disinherited or totally passed by any child of the testator. But the smallest legacy was accepted as evidence that the testator had not lost his reason or his memory, as the law otherwise assumed he had; hence the groundless belief in England that a father could not disinherit his child without a shilling, although the English law knows no presumption of insanity or forgetfulness in such a case. Of Shakespeare and his son Tom (and of other fathers and sons) the story is told: "Father—I'll cut you off with a shilling. Son—I'd rather have it now, dad."—St. James' Gazette.

Appealed to His Pride.

It was the most obstinate mule in the lot and refused to enter the car of a train held up at a little wayside station. Threats, cajolery and blows were alike useless. The mule refused to budge, and the slant of his ears told those of the passengers who were familiar with mule ear talk that where he was he intended to stay. Then the aged African who was trying to load him in said in hoarse tones: "Whatto' yo' behave dis way befo' all dese strange people? Why, yo' fool mule, doan' yo' know dat dese people will jee' believe dat yo' neber done traveled befo' in all yo' life?"

The long ears told their aggressive slant, and the beast went sedately up the inclined plank with the air of a man entering a drawing room car for the first time and determined not to betray the fact.—Exchange.

To Lady Correspondents.

Our young lady correspondents will confer a favor if they will write on only one side of the paper. We mean, of course, by this correspondence intended for the paper. As to the other, not intended for publication, we don't care if they write on all four sides and even across it.—Sylvania (Ga.) Telephone.

Probably on the Team.

"Such ignorance is inexcusable!" exclaimed Aunt Hyatt. "My nephew Percival has been going to college nearly three years, and when I asked him this morning whether he knew anything about Homer he said: 'Sure! A homer is a hit that's good for four bases.'"—Chicago Tribune.

Out of Date Now.

"Tommy, you have written this sentence, 'The pen is mightier than the sword,' and it is incorrect. How should it be changed?"

"Pen ought to be changed to type-writer, ma'am."—Chicago Tribune.

Willing to Try.

Harold—Couldn't you learn to love me? Amelia—No, but I'll try awfully hard. Papa has promised to send me abroad if my health breaks down from overstudy, you know.—London Scraps.

Men are the sport of circumstances when the circumstances seem the sport of men.—Byron.

HISTORY OF CALIFORNIA

Stockton Schools Institute Commendable Course

California history will receive the comprehensive study it deserves if the example set by the Stockton public schools is followed generally throughout the state. Under the auspices of the committee on history and relics of the "Rush of '49" organization, a booklet was issued and distributed among the schools of the state giving an outline for a study of the history of California. Standard works were listed for the benefit of teachers and students, and quotations were made from them. The scope of the booklet is determinable from the following list of topics treated: Discovery and early exploration; Spanish California (1767-1822); California (1822-1846), from cession by Spain to Mexico to war between Mexico and the United States; transition period (1846-1850), from beginning of war to admission of California as a state; California (1850-1861), with the organization of state and county governments, etc.; Rush of '49, with statistics about population descriptions of character of the miners, their dress and equipment, means of travel, houses, methods of mining, administration of justice, and social life; the southern mines, with a description of the various towns and districts. A very interesting feature is a list of prices charged for food for clothing and supplies.

It was the idea of the Stockton people that perhaps undue importance is attached to the study of ancient history of other countries and that much of the time devoted to it could be spent to better purpose in reading the early history of the state which plays so important a part in their lives.

GREATEST DREADNAUGHT

North Dakota Uncle Sam's Best Fighting Ship.

Rockland (Me.) Nov. 4.—The North Dakota is the fastest battleship of the Dreadnaught type afloat, as well as one of the two most powerful ships in the world. Her screw standardization tests over the Rockland measured course of one mile today developed a maximum speed of 22.25 knots, an average of 21.823.

Both marks are in excess of the best performances of either her sister ship, the Delaware, or the Bellefleur, the fastest Dreadnaught of the British navy. In attaining this surprising speed, the turbine engines of the North Dakota were forced to the development of more horse power than has been reached by any other battleship afloat. A maximum of 35,150 horse power was recorded, while 33,875 horse power was the mean amount. The maximum number of revolutions of her nickel composition propellers was 286 a minute. It was found that 263 revolutions in that time were sufficient to maintain the contract speed of 21 knots.

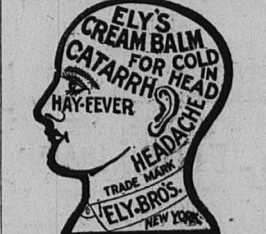
The North Dakota, by her performance today, takes precedence as a general first-class battleship. The figures recorded for the North Dakota today surpass those of any other dreadnaught.

But one such battleship is afloat, the attainments of which may exceed those of the North Dakota. This is the Neptune, just launched from the British naval yard. The Neptune, however, will have to attain figures much in excess of specifications to accomplish this. The Bellefleur of the British navy has made but 22 1/2 knots.

The tide was in her favor and this is not subtracted from the best figures.

Within six months it is expected the North Dakota and the Delaware will take their places in the van of the American navy's line of sea fighters, and will then rank as the greatest battleships in commission in all the world.

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STATUE TO FIRST GOVERNOR

PROPHETIC VISION OF PETER G. BURNETT

Came West to Assist in Holding Western Possessions for Union—Saw Republic Reaching from Ocean to Ocean—An Heroic Figure

There is on foot at San Jose, under the sponsorship of Judge John E. Richards, a movement to erect a statue on the site of the old State House in that city in commemoration of Peter G. Burnett the first governor of California. This movement grows out of a feeling that this generation and those which are to follow will gain great and permanent benefit by cherishing the memories of our romantic and heroic era. That the movement may be a representative one it is proposed to invite contributions in small sums from members of the Native Sons' Society and of others professedly interested in State history, the idea being that the sentimental motives involved in the project will be promoted by making the appeal a wide one.

Peter G. Burnett, while a true argonaut in the sense that he was attracted to California by the discovery of gold, was curiously enough a resident of the Pacific Coast long before the country of California came into the possession of the United States. He came to California not from the East, but from the North—from Oregon—whence he had previously come so early as 1843. The motives which brought him to the Pacific Coast were not those of the gold-seeker, but those of an enthusiastic patriot eager to claim for the American flag the vast Oregon country then in dispute between the United States and Great Britain. Burnett was a frontier Missouri lawyer, a man of great mental keenness and refinement, of prodigious moral earnestness and high capacity for leadership. He was among the first to become impressed sentimentally with the importance of an American outlet upon the Pacific Ocean; and pending the agreement between the United States and Great Britain for joint occupation of the Oregon country he became enamored of the project to fill up Oregon with an American population and so hold it for the Stars and Stripes. He made himself master of such facts as were available respecting the Oregon country, then held public meetings in western Missouri where he lived—in the neighborhood of, where Kansas City now stands—arousing in considerable numbers an enthusiasm comparable with his own. These meetings held in 1842 culminated in the Oregon emigration in 1843. Burnett, who had been the inspirer of the movement, became likewise its practical leader. He was the captain of a company which left Independence, Missouri in April, 1843, and which arrived in the Willamette Valley, Oregon, in the late fall of that year, to be followed by other similar and larger movements in subsequent years.

The restlessness of mind, in conjunction with high physical energies, which had prompted Burnett's move to Oregon, carried him to California upon the discovery of gold. And upon his arrival here the qualities and accomplishments which had made him a leader and a founder in the north quickly brought him into public notice. He became the attorney and practically the partner of General Sutter; today many, perhaps most, of the land titles in the city of Sacramento trace back to Sutter through Peter G. Burnett. In the local organization of the state, Burnett's capacity for constructive work asserted itself; he became a leader and director of affairs then the first governor of the state. It was in the work of organization that Burnett's powers were at their best. As an administrator he was capable, though not remarkable. His official service is marked by nothing which makes it exceptional. Subsequently, upon retiring from the governorship, he became a legal practitioner, holding a respectable and even eminent place at the bar as long as he devoted himself to professional work. He lived far into the present era, his later life being marked by the authorship of a book of memories in which his Oregon and California experiences are interestingly set forth. California will do well to build a monument to Peter G. Burnett. If not a great man, he was at least an eminently worthy one, and he played a part in our affairs entirely proper to be commemorated for the inspiration of future generations. Judge Richards is quite right in the suggestion that this monument, if it shall be built, should represent the contributions of a large number of persons. For a few out of their bounty to erect this monument would imply nothing of importance, it would yield nothing toward that development of popular interest which in itself is the highest justification of this movement.

What we do, we do well. We fit glasses, Dietrich, jeweler-optician, at Anaheim.

HORTICULTURE IN CALIFORNIA

Twelfth Semi-Annual Meeting at Visalia November 13th

Arrangements for the Twelfth semi-annual meeting of the Counties Committee of the California promotion committee are almost complete, and the program that is being prepared is one of the most interesting and instructive of any of the meetings held. The theme of the meeting will be, "Horticulture in California," and will be discussed by experts in all lines of the industry.

The following invitation has been sent to every commercial organization in California and individuals who are interested in horticulture:

"A cordial invitation is extended your organization to send delegates (including your secretary) to the twelfth semi-annual meeting of the Counties' Committee, which will be held Saturday, Nov. 13. The theme will be Horticulture in California."

Papers will be read on various topics of this theme and reports will be made on progress in the several districts of California.

Arrangements have been made with the railroads for a fare and one-third for the round trip from all California points, on the receipt certificate plan.

This meeting means a great deal for California, as the horticultural industry is one that is growing more rapidly than any other in the state. It is one that every commercial organization is interested in and should bring out one of the largest and most representative gatherings in the history of the committee. Visalia is in the center of one of the great fruit districts of California and is in a rapidly developing part of the state.

Those who attend will be well entertained, not only by the business meeting itself, but by the Visalia board of trade and the Tulare county board of trade.

The Secretaries association will also meet at the same time and this growing organization will discuss many things of interest to commercial bodies. This meeting in no way conflicts with the sessions of the state horticultural society, but rather acts in cooperation with that organization for the betterment of conditions of California fruit raising.

NO KISSES; DIVORCE

What Befell Man Who Had No Time to Love His Wife

Genevieve McKay, who was one of the beautiful Curtiss girls of Woodland when she married Dan McKay, former president of the Sacramento board of trustees, and old enough to be her father, obtained a divorce at Sacramento without contest. A property settlement was made out of court. The court insisted on taking the testimony of Mrs. McKay and her mother, and it was laden with spicy relations. Her husband never kissed her in all their married life, she swore, and the tears flowed while she recalled what she had missed. Not even one little smack did he give her in six years and two months. Yes, not even when she was a bride. More than that:

"Never in his life did he kiss me," she testified, weepingly, "I would go to him and kiss him, and he would say, 'Oh, go away. This is not my kissing day.' I wanted love and tenderness. I wanted love and kisses. And I could not get any. He said that my whole family was crazy on the affection question. Why, he would not even buy me ice cream."

When asked by her attorney if that caused her anguish and suffering, she burst into fresh tears.

"Every time I asked him to kiss me he would go stamping about the house and threaten to go down and sue for divorce," she continued. "He even accused me of being untrue to him."

The mother testified that her daughter pined for caresses, and could not get them from old Dan McKay.

Mrs. McKay is a cousin of Mrs. William E. Corey, wife of the steel magnate.

TOOK HER AT HER WORD

A woman came into the general store with a jar of butter. She desired to exchange it for another jar of butter. In churning her butter she had discovered a mouse in the churn. It didn't injure the butter, she said to the storekeeper, and to anyone who did not know the circumstances it would taste all right.

Taking the woman at her word, the merchant carried her jar into the back room, transferred her butter to another jar, and the gratified customer took back her mouse butter with a thousand thanks for the accommodation.

There is a great deal of needless trouble in the world on account of squeamish sentiment.

THANKSGIVING TURKEYS

Young turkeys for sale for Thanksgiving. In prime condition; all first class birds. Apply to Mrs. Turk, South street.

PROSPEROUS ORANGE COUNTY

Creditable Showing by Report of Statistician

The report of the county statistician of Orange county just filed, shows that the value of Orange county's products for the year 1908-9 was nearly \$12,500,000. This shows a gain of more than \$2,000,000 over the showing made in the statistician's report of a year ago.

The totals of the main items of the report are:

Cereals \$870,830, hay \$584,950, green vegetables \$2,908,682, dried fruit and vegetables \$1,900,400, canned goods \$80,999, wines, brandies and beer \$82,825, fish \$17,885, dairy industry \$102,230, colts \$93,200, wool \$73,565, poultry and eggs \$168,922, miscellaneous \$1,123,000, manufactories, \$2,123,000. The total of these items is \$10,955,000.

This does not include the oil output of the county, which is about \$1,500,000 annually, making a total of about \$12,400,000.

Among the crops that brought in big money last year were: Barley \$548,990, alfalfa hay \$197,200, grain hay \$387,750, celery \$535,000, oranges \$1,276,191, Irish potatoes \$458,000, tomatoes \$108,000, walnuts \$872,000, beans \$800,000, apricots \$225,600, sugar beets \$679,615, nursery stock \$392,100, flour \$392,000, sweet potatoes \$76,000.—Riverside Press.

A CERTAIN GOOD MAN

He Was Dined on Potatoes Served in Nineteen Ways

Once there was a good man.

This good man knew a very rich man.

The very rich man invited the good man to dine with him. But the good man did not care for all the splendid food which the cook of the rich man prepared.

But the nobleman begged him so much that at last he said: "Well, I will come, but, remember, there must be nothing else but potatoes for dinner." And the nobleman had to promise to have a dinner of potatoes only. At the proper time, therefore, the good man went to the rich man's mansion, and after a short chat he and the rich man went to get their dinner.

And, true enough, there was nothing but potatoes to eat.

But the clever cook, who lived in the rich man's mansion, had cooked these potatoes in nineteen different ways, and so there were nineteen separate dishes for them to choose from.

The good man never expected anything like that, for he just wanted a few roasted potatoes, and he was very much surprised.

"Well," he said, "I am sorry now I spoke about potatoes, for this has caused you more trouble than making an ordinary dinner."

The rich man laughed and said that no trouble was too much for such a good man as his guest.

MAN AND HIS WEED

Touching Tale of the Last Request of a Veteran Devotee

An old man, a great smoker, has just died at Val Blegno, in the Canton of Ticino.

He has requested that a kilogram of tobacco, a pipe, two boxes of matches and a walking-stick should be placed in his coffin, and the family have fulfilled the old smoker's last wish.

The walking-stick may have been a very old friend; but one does not imagine that, in any case, the man wanted to have the things buried with him so that he might be prepared for the contingency of premature burial. It was, no doubt, simply one of those sentimental touches, which we may call superstitious, irrational, or what we please, but which only the prosaic altogether fail to understand. The soothing weed comes to the smoker's relief everywhere in life. In sensational literature male characters are likely to emerge unscathed from frightful dangers smoking unconcernedly as if nothing had happened.

No doubt there are some men who can not imagine a tobaccoless hereafter.

WHAT SHE'D TAKE

An elderly lady who was suing a railroad company for slight injuries sustained in an accident, went to her lawyer's office to learn of the progress of the case. The lawyer had notified the company of the action, and the latter agreed to compromise if the plaintiff would meet them half way.

When the lady sent her name in to the lawyer the office boy returned with the question:

Mr. Brief wants to know what you will take.

That's very considerate of Mr. Brief, replied the lady. And if it's all the same to him I'll take a small glass of sherry.

Lady Passenger's Log.

It was blowing rather hard, and there was a nasty sea on an hour and a half before the first breakfast bugle. An officer of an ocean liner hurried along the passage between the state-rooms, and a timid voice called to him: "Oh, Mr. Officer, please stop!"

He turned and saw a dear old lady with a wrapper thrown around her peeping through her half open door. "Yes, madam," said the officer.

"Mr. Officer, please would you call this a gale?" asked the old lady anxiously.

"Oh, no, madam! There's not the least danger, I assure you."

"Well, is it half a gale?" "Not even half a gale, and this is such an excellent sea boat that you needn't worry a bit," explained the officer.

"Well, what would you call it, please?" said the lady, steady herself as the vessel rolled.

"Just a fresh nor'west breeze, madam, with a cross sea running. But, really, there's nothing to fear."

"Thank you so much. I just wanted to get it quite right in my diary, you know."—New York Times.

A Chinese Superstition.

Fengshui is the Chinese superstition that determines good site or locality, and if a town on the Yangtze has not a good fengshui trade will not come to it, and it will be ruined. A town named Peshih had its pagoda in the wrong place—not far enough down the river—and the result was that all traffic which should have come to it was swept past, Peshih being left out in the cold. The people pulled down the pagoda and built another one in the supposed right spot, as nothing would convince them that the depression could arise from any other cause than that of a bad fengshui.

The city of Wanshein, on the other hand, has a perfect fengshui, two fine pagodas, and is very prosperous. But the fact that Wanshein is situated in a fertile valley, where wheat, barley and the poppy flourish abundantly, while Peshih is barren and miserable, does not concern the inhabitants so much as the fengshui site. This remarkable idea in the Chinese mind is only one of thousands like it.

Mastication.

"The body is a manufactory," said a doctor recently. "It has to manufacture bone and blood and muscle and brain out of bread and butter, eggs, beef and milk, and a wonderful process it is. Now, the first part of the process takes place in the mouth, and, as in most factories, the first is the most important. If a wrong start is made, everything that follows is put wrong. If the food isn't well masticated and mixed with the saliva, the stomach, the liver and the intestines are thrown out of gear; consequently most of the more advanced doctors are paying a great deal of attention to the condition of their patients' teeth. They know, to garble Shakespeare a bit, that 'good digestion waits on mastication, and health on both.'—New York Tribune.

How Letters Strike Our Eyes.

Roman letters of various sizes are commonly called into request by oculists in testing vision. Recent experiments show great differences in the ease with which the various letters are recognized by the same person. T is especially difficult of recognition, and is apt to be mistaken for Y. By a simple optical illusion the angle of T is rounded off, making the letter resemble a reversed J. V is the easiest of all letters to recognize, and O presents little difficulty. K is more easily recognized than H, which resembles it closely, and both N and Z are easily recognized. A is easily guessed at from its general form, but is difficult of positive recognition, including distinct perception of the horizontal line. E and F are among the most difficult of all letters.

Discouraging.

A pompous man went into a drug store early the other morning to buy a cigar. The only person he found there was the soda water dispenser. The boy was sweeping out the store. "Sweeping out, eh?" said the man. "Well, that's how I got my start." The boy looked him over and replied, "Aw, what do you want to discourage me like that for?" When the man left he was frowning.—Denver Post.

Edifying.

Gentleman (looking for rooms)—Did you say a music teacher occupies the next apartment? That cannot be very pleasant. Landlady (eagerly)—Oh, that's nothing. He has eleven children, and they make so much noise you can't hear the piano.—Harper's Bazar.

Utilizing Her.

"My dear, the hired girl has quit." "Well, that's all right. Just drop a line to your mother inviting her to visit us. She'll do the housework until we can get another maid."—New York Journal.

Out of Her Reach.

Elsie—Why is Clara always so short of money? Didn't her father leave her a lot? Madge—Yes; but, you see, she's not to get it till she's thirty, and she'll never own up to that.—Boston Transcript.

Opulence.

"What is your idea of happiness?" "To be able to spend my own money just as if I were going to turn in an expense account when I got home."—Chicago Record-Herald.

Rank has its bores as well as pleasure.—Beaconsfield.

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LOCALS LOSE HOT GAME

Racyses of Los Take One by 3 to 2
Score

The Racyses of Los defeated the local ball team on Sunday afternoon in one of the best played games of the season by a score of 3 to 2. The home team played hard to win, but were up against a tough game from start to finish.

The visitors began their run-getting in the second, when Linck and Daniels, first men up, were hit by Spencer, and took a pass. Goodwin hit to left, advancing them. Alexander hit to left, scoring Linck and Daniels. Clark struck out. Morse walked. Miller sent a liner to Fisher, who doubled Alexander at second.

In the eighth a three-bagger hit by Peearne was followed by a sacrifice hit by Halbriter, scoring Peearne and ending the run-getting for the visitors.

The locals scored one in the third. Huntington, first man up, was out. Clark to Peearne. Burton singled to left. Fisher forced Burton at second. Fisher started to steal second. Miller threw the ball into center field, and Fisher went to third. Valencia singled to left, scoring Fisher. Schneider flew to Daniels.

The locals scored again in the fifth. Etchandy singled to left, and stole second. Huntington was out. Miller to Daniels. Etchandy took third on a passed ball. Huntington bunted, bringing Etchandy home.

Burton struck out, and Huntington was caught off second, making a double play. Fisher was out. Daniels to Peearne. The score:

ANAHEIM										
	AB	R	H	SB	PO	A	E			
Fisher, ss	4	1	1	5	4	0	0			
Valencia, 1b	3	0	1	0	0	0	0			
Schneider, cf	4	0	1	0	8	0	0			
Carpenter, 2b	4	0	0	0	2	1	0			
Collins, c	3	0	0	0	1	2	0			
Spencer, p	3	0	0	0	1	2	0			
Etchandy, lf	4	1	1	1	0	0	0			
Huntington, rf	3	0	0	0	2	0	0			
Burton, 2b	3	0	1	0	0	2	2			
Totals	32	2	5	9	27	9	4			

RACYCLES										
	AB	R	H	SB	PO	A	E			
Morse, 3b	3	0	1	1	2	0	1			
Miller, c	4	0	1	0	11	2	0			
Peearne, 1b	4	1	1	0	9	0	0			
Halbriter, cf	2	0	1	0	0	0	0			
Linck, lf	4	0	1	0	1	2	0			
Daniels, 2b	2	1	0	1	2	2	0			
Goodwin, rf	4	0	2	0	0	0	0			
Alexander, ss	3	0	1	0	2	1	0			
Clark, p	4	0	0	0	0	4	0			
Totals	30	3	7	2	27	10	3			

SCORE BY INNINGS										
	1	2	3	4	5	6	7	8	9	
Anaheim	0	0	1	0	0	0	0	0	2	
Base Hits	1	0	2	0	1	0	0	0	0	
Racycles	0	0	0	0	0	0	0	0	0	
Base Hits	0	0	0	1	1	0	2	0	7	

Three Base Hit, Peearne; Sacrifice Hits, Halbriter, Daniels, Schneider; First Base on Errors, Racycles 1, Anaheim 1; Left on Bases, Racycles 8; Anaheim 3; Bases on Balls, off Clark 3, off Spencer 1; Struck Out, by Clark 12, by Spencer 8; Double Plays, Fisher (unassisted), Clark to Miller to Daniels; Passed Balls, Miller 1; Wild Pitches, Clark 2, Spencer 2; Hit by Pitched Ball, Daniels, Linck.

Time of Game, 2 hours.
Umpire, Victor Lamont.
Scorer, Pete Wiser.

Vic Lamont umpired a good game, which was filled with many hard decisions, which could not satisfy everybody.

The locals play the Central Babes of Los Angeles on Sunday next. The visitors have won 25 and lost 1 this season. The game promises to be gingery from the start.

County Recorder Peters was in town on Saturday morning. He came over on the early train and returned on the overland as far as Orange, his purpose being to interview a passenger on his way east. Mr. Peters reports business brisk in his office, and politics simmering around the courthouse.

RECEPTION TO TEACHERS

Ebell Ladies Enjoy Delightful Social Function

The Ebell society of Anaheim met in regular session at the Masonic hall on Saturday, Nov. 6th, the occasion being a reception to the teachers. The members responded to roll call by quotations on education. Owing to illness in Mrs. Dyer's family, the vice president, Mrs. Storm, presided and also gave the address of welcome.

"We hope that this reception to you is a solution of a problem that has been vexing us for years. Old settlers tell us that in former years they were in the habit of calling on the new teachers very religiously, but that with few exceptions their calls were never returned. Later, the teachers often felt lonely and neglected during their first year in Anaheim. In giving you this reception, seventy women of Anaheim extend to you the cordial hand of welcome. We want you today to become acquainted with our club work and with the club members."

She then gave leading characteristics of some of the members, in a very humorous vein, told of the opportunities for culture offered in the different classes of the Ebell, and ended her speech by quoting the club motto: "Live as if you would die tomorrow. Learn as if you lived forever."

Mr. Tople, principal of the grammar school, responded very neatly by complimenting woman on what she has already accomplished and predicting wonderful things as her future work.

The Woman's Choral club, under direction of Mrs. Cornelle, gave a very pleasing selection, "Drink to me only with thine eyes," with encore, "Ching-a-ring."

Miss Fay also favored the club and sang in her usual delightful manner an "Irish Folk-song."

Then followed a delightful time of social intercourse and mutual introductions of teachers and club members.

Refreshments of tea and wafers were served. Each club member had been asked to represent her native state and there was much good-natured guessing, native daughters appearing with large bouquets of poppies; New York, the Empire state, was represented by a picture of a lady wearing an Empire dress; Canada, by a lady using a "can a day" of fruit; Tennessee, by a tennis racket and an E, and so forth.

An enjoyable time was reported by all.

SANTA ANA

Nicholas Opp, a carpenter and gunsmith, is under arrest on the charge of an attempt at criminal assault upon Rosa Sosa, a Mexican girl, 7 years of age. The child was rescued from Opp's shack at the corner of Third and Sycamore streets, just in time to save her from further molestation. Opp has been regarded as weak-minded but harmless. He is 59 years old. When Mrs. Monica Sosa missed her girl from home, she and a girl by the name of Flora Corona went out in search of her. Her little son told Mrs. Sosa that Rosa was in Opp's shack. The door was locked, and there was no response to the knock. The boy insisted that Rosa was there. Mrs. Sosa reached through a broken window and jerked up a curtain, and found Opp. The man said the girl

was not there. Mrs. Sosa reached into the room, seized a blanket on Opp's bed, pulled it away, and disclosed her girl lying naked on the bed. Opp's bond is placed at \$3000.

Four members of what the police call an organized gang of Mexican bicycle thieves are in the county jail, while a wagonload of dismembered bicycles is stored at the city hall. For over a year, the officers say, the gang has made a practice of stealing bicycles, exchanging the parts, and selling the made-over wheels. The men were arrested at the home of Louis Sanchez on South Main street, near the city limits, and the plunder was gathered from all over the place—house, barn, chicken yard and weed patches. Those under arrest are L. Sanchez, Ramon Valenzuela, Francisco Sauseda and Augustin Patina. Officers had been watching the place for two weeks. When a raid was made one man and two women were found at home. After several hours' waiting, three other men appeared and were arrested as they came into the place. Parts of bicycles have been identified as stolen from Charles Claytor, Giles Johnston and Earl Galbraith. Claytor's bicycle was taken a year ago.

Eight shots were exchanged by officers and a hobo at Richfield on last Thursday night. City Marshal Jernigan of Orange and Special Officer Adams of the Santa Fe were at the place, hoping to catch freight-car burglars, who had been operating there. They started toward two hobos. One opened fire, and the officers returned it. The hobo who did the shooting escaped. His pal was arrested.

Sheriff Lacy has identified a horse stolen from Frank Thomas about a year ago. The horse was located in Los Angeles, through the confession of Robert J. Perry, who is in jail in Los Angeles on a charge of stealing a motorcycle. Perry admits having stolen several horses in the last year. One of them was from F. W. Champion of Anaheim.

GARDEN GROVE

Revival meetings at the Friends' church, Alamitos, continue this week with two services daily, afternoon and evening. Pastor C. M. Jones is assisted by Rev. Edwin McGrew of Los Angeles.

Mr. and Mrs. C. L. Rucker have returned to their home at Redlands after a visit of several days with F. H. Cloyes and family.

Mrs. W. Maxey of Los Angeles was a guest of Mrs. A. L. Davis over Sunday. Mead Maxey of Los Angeles is visiting friends here this week.

Miss Helen Davis entertained a number of her young friends Wednesday evening in honor of her fifteenth birthday anniversary.

J. E. Brown and family enjoyed a visit to Laguna the first of the week. There has been considerable dissatisfaction expressed recently by patrons of the Edison company here who depend upon its service for lights. The juice has been "on the bum" so frequently of late that business firms have found it necessary to make arrangements for other means of lighting their stores and shops.

Officers of the Ladies' Auxiliary to the Improvement Association in charge of the entertainment which was heretofore announced for Nov. 19 have found it necessary to postpone the affair till a later date. It is to occur early in December, and in the meantime extensive preparations are being made for a program that will merit your attendance and patronage. Keep it in mind, and watch for the date and further particulars.

J. T. McElree was in Los Angeles Saturday on business.

William Carter of Covina visited friends in Garden Grove last Sunday.

Mrs. Irvine of Downey was a visitor in the home of P. M. German this week.

Sunday evening service at local churches will be at 7 o'clock instead of 7:30 during the season of shorter days. The hour for young people's meeting is 6 p.m. instead of 6:30 as heretofore.

Rev. W. W. Youell conducted services at the Baptist church last Sunday.

F. M. Harrison has moved to Los Angeles, and affairs of the Pacific electric here are in charge of his successor, B. M. Banks.

Rev. F. D. Ashleigh, J. Allan Knapp and Miss Jennie Hedstrom represented Garden Grove Sunday schools at the state convention in Riverside this week.

Members of the Ladies' Aid society are in charge of improvements which are being made at the Methodist parsonage this week.

A cozy and comfortable reception corner which has been arranged in the drug store appeals to the customer who must wait for a prescription

to be filled or to the lady who appreciates a resting place while her husband is attending to business matters elsewhere in town. Mr. McElree is an expert in the matter of interior arrangement and display, and in the alterations just completed sustains his reputation as an artist in this line. His stock of holiday-goods, selected while in San Francisco recently will soon be here, and changes are being made to provide room for proper display of the many beautiful and novel presents which he will offer for inspection.

Rev. P. M. German attended the annual meeting of the Santa Ana Valley Baptist Association at Corona this week, as a delegate representing the church at Garden Grove.

BOLSA

Buildings on Gus Ward's place, including the residence, barn, sheds, etc., all have an improved appearance since freshly painted. Mr. Ward and family started Saturday to Wilcox, Arizona, where they expect to spend the winter.

Frank Cowlin and wife spent Sunday in Los Angeles. They expect to start in a few days for a trip to the home of their younger days in England, after an absence of twenty-two years. The Cowlin farm here has been leased for three years to Philip Trenary, who has recently arrived from Jackson, Amador county, and is in charge of the place.

Rev. Mr. Clark, the new minister recently appointed for the church at Bolsa, preached here Sunday, making a very favorable impression. He will reside at Talbert.

Jack Frost has been an unwelcome visitor to this neighborhood several mornings recently.

Those who like music find good entertainment every evening at the Bolsa store, where a free concert is given on the graphophone.

Marie and Bennie Ball visited at Garden Grove Sunday and attended church service there.

William Crum is having a fresh coat of paint added to his house.

We are grateful for the gracious rain that came early this week, clearing the air and refreshing the earth. Often we fail to appreciate the gifts so generously supplied to us here of pure air, sunshine and water.

News is rather scarce about here this week, everybody being busy and contented. Business is good, especially for A. A. Ball and Sons, who have more painting than they are able to do at present.

FULLERTON

The Fullerton-Placentia walnut association sent a car of walnuts this week containing 600 sacks. This is believed to be the largest car ever sent out of California. The shipment was made in a large car that is used for shipping automobiles to California. The freight on the one car of walnuts was \$900 and the carload will bring the growers about \$7500.

The local walnut output will be heavier than the estimate three months ago. Some growers then believed that there would not be more than 60 per cent of an average crop. The nuts are weighing heavier and the output will also be heavier, making the shortage not more than 25 per cent of an average crop. Some growers state that they have as large crops this year as they had last season. Up to date 55 carloads of walnuts have been shipped from here.

Since January, 1341 carloads of oranges, tomatoes and cabbage have been shipped from here, making the shipments for the year ending November 9, 1553 carloads.

For the week ending Monday night shipments were made as follows from this point, in carload lots: Tomatoes, California Vegetable Union 9, Pacific Vegetable Company 3, Cobb 2, Walnuts, Fullerton-Placentia Association 9, Golden Belt Fruit Company 2. Oranges, Chapman 6.

The Santa Fe business at the depot during the last month was over \$68,000, one of the best months in 1909.

William Kennedy of Magnolia was badly burned Monday by the explosion of a gasoline stove. As the blaze was running up almost to the ceiling he rushed from the house with the stove in his arms. His clothing caught on fire and his arms, hands and one side were badly burned. The man is painfully but not seriously injured, and he hopes to get out in a month.

It means much when you buy a wagon, a buggy, a carriage, an automobile or a set of harness, whether you get a good article or a poor one. How can you be sure of getting a good one? By giving us your business. Wm. F. Lutz Co., Santa Ana

CHORAL SOCIETY ENTERTAINS

Presents Excellent Program at Opera House Last Evening

The Anaheim Choral Society entertained at the opera-house last evening with a program of unusual excellence. The program was as follows: The Radiant Morn..... Woodward Choral Society

a. L'Arditi..... L. Arditi
b. Soupi..... Le Stern
Mrs. George Lewis Dietrich
He Shall Give His Angels Charge Over Thee..... Surette Choral Society

a. The Perfect Day..... Hill
b. Irish Melody..... Lohr
Mrs. Charles Richard Sumner
Bridal Chorus from the Rose Maiden..... Cowen Women's Choral Club

a. The Turnkey, from Rob Roy..... De Koven
b. Song is Sweet..... Sans Souci
Mr. Hans Weiler
Sleep, Little Child..... Spence Choral Club

Love's Coronation..... Aylward
Mrs. Charles Richard Sumner
Gloria..... From Farmer's Mass in B b Choral Society

Misses Kathleen Peeler, Isabelle Jayne, Elsa Asher, Marie Finney, Margaret Tedrick, Edleen Armstrong and Gertrude Asher acted as ushers.

ORANGE GROVE ON WHEELS

Sacramento, Nov. 8.—A small orange grove of a dozen trees from Fair Oaks colony in this county is being uprooted, under the direction of President D. W. Carmichael of the local chamber of commerce, to be shipped, with other exhibits, for display at the National Livestock Men's association convention at Chicago in a few weeks. Men will be sent along with the trees to keep them in good shape while bearing fruit. From Chicago the orchard will be taken to the Omaha Corn Fair and other midwinter attractions in the East.

HE WAS OLDER

There is a society in New York that each year takes a dozen or so East Side children and gives them the time of their lives for a month at an old farmhouse over in Jersey. The very first thing that takes place upon the arrival of the consignment, is a thorough scrubbing.

"Good gracious, Jakey, your bath water is as black as ink," the attendant remarked to a lad at the end of this distressing ceremony. "It is dirtier by far than any of the others."

"Well, ain't I two years older 'an any of them kids," Jakey demanded.

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