

CITY AND SUBURBS.

DIRECTORY OF OFFICERS. R. M. Widney, District Judge 174, Judicial District, composed of Los Angeles county, Court in session in February, May, August and November.

CITY OFFICERS. Mayor, J. R. Toberness. Treasurer, George H. Butler. City Clerk, A. W. Hutton.

MEETINGS OF SOCIETIES.

Blue Lodge No. 42—Meets first Monday in the month, at 7:30 P. M. Elks Lodge No. 23—Second Monday in each month, at 7:30 P. M.

POST-OFFICE DIRECTORY.

Eastern, San Francisco and Northern—Telephone Stage Line—Arrive at 5:30 P. M.; close at 12 P. M. Letters and parcels may be presented before 11 A. M.

TRAVELLERS' GUIDE.

WINTER ARRANGEMENTS—L. A. S. P. R. R. Arrive—9:00 A. M. Depart—10:00 A. M. The above schedule is subject to change without notice.

AMUSEMENTS.

A small but fashionable audience assembled at Merced Theatre last night to witness the beautiful and entertaining comedy, "The Duke of Aranza."

Thermometrical Record.

According to the plan of the Smithsonian Institution, kept especially for the Herald by B. K. ...

Real Estate Transactions.

Deeds filed for record for the 24 hours ending at 4 o'clock, October 3, 1878, as reported by the DAILY HERALD by Judson & Gillett.

The weather is quite warm. The Good Templars meet in regular session to-night.

Old Time is ahead. See Fisher's illustrated advertisement. The new bronze post office boxes will be put in place in a short time.

Postmaster Bent expects to get into his new residence by the first of November. The artesian sand pump was released at 3:30 on Thursday.

The pepper trees along Main street, looking north from Temple Block present a grand appearance. A meeting of the Chamber of Commerce will be held to-night in the office of Judge Widney.

Five teams were dispatched to San Bernardino yesterday, one to Lone Pine, and one to Cerbat, Arizona. Mr. Frank Lathrop announces that an abundance of deer are to be found in the vicinity around Santa Monica.

Messrs. Dotter & Lord are to furnish the new Lafayette Hotel throughout with all the necessary articles of furniture. Owing to the extensive rush of business during the past two weeks, Dotter & Lord have been obliged to refuse to receive several orders.

George M. Fall, recently appointed assistant superintendent of the Telegraph stage line, will be succeeded by Mr. Appleton. It was gratifying to know this morning that the city circulation alone of the HERALD to actual subscribers exceeds 300.

Four flat cars of railroad ties, four of rails, and two large tanks of water left the depot yesterday for San Fernando and points this side. Certain business men of this city are forming a company for the cleaning of wool, and they have proceeded at once to the erection of their machinery.

If any one doubts the adage that "it is dangerous to be safe," let him try to navigate Spring street on a foggy morning at three o'clock, without gas. There were three car loads of wool dispatched yesterday for the steamer, and it is expected that the next steamer will have a large cargo up.

The room in Downey Block to be occupied by Aaron Smith as a carpet warehouse is almost finished, and will be the finest sales emporium in the city. When Hamlet said "Let the devil wear black," he had no reference to the groggy chap with two feebly discolored optics, visible on Spring street last evening.

The Los Angeles Woollen Mills have in their employ 12 Chinese and eight Americans. They will have a large collection of goods finished next week. Dr. P. N. Richardson, has for a year been living the life of a bachelor, but in a short time he expects the return of his wife who has been sojourning in Texas.

A good recipe for the extermination of cockroaches is to scatter green cornmeal in all the kitchen and cupboard drawers. They will leave immediately. A fine cabinet adorns the office of Dr. Orme, which is composed of some of the finest mineral specimens from Cerro Gordo, Nevada, Slate Range, and Desert Springs. The Dr. has also skulls of Apaches & Braves.

General Banning visited this office yesterday. He expressed himself highly gratified with the appearance of the paper, and added that the feeling in Wilmington was universally to that effect. Samuel Berge is the news agent and carrier for the HERALD, and will deliver the paper anywhere within the city limits. Those who have met with difficulty in getting their papers hereafter will receive them hereafter in time.

To-day a meeting of the landowners of San Gabriel and El Monte, will be held at the last named place for the purpose of discussing irrigation, etc. General Baldwin, Mr. Hanson, and other scientific gentlemen will be in attendance. The careful student arising from the gutter along the Telegraph Stage Company's corral, is suggestive of anything but new-blown roses, and needs the immediate attention of the health officer.

Attention is again called to the notice of the HERALD in another issue, regarding industries. A reporter will be sent free of expense anywhere in the District, to record information of any industries or productions of advantage to intending immigrants. The appearance of the Library has been greatly altered and improved, by the removal of the paper rack to the back room. More room is given to the Library proper, and there is less noise in the room.

J. L. Ward & Co. yesterday dispatched a team loaded with material and stores for Wallpap. The mines in that district are very rich in minerals, but for want of capital are behind in development. The team will return with ore and bullion. The cause of so much water at the intersection of Commercial and Los Angeles streets, is from the bursting of the sewer pipe. The Mayor examined the sewer yesterday morning, and has today having it mended at once.

D. V. Walden is making large improvements on his place, Washington Garden, and contemplates building a skating rink, and a large dancing hall, which will give the citizens a chance of visiting a pleasure garden something after Woodwards, San Francisco. The culture of the banana has not, hitherto, been attended with success in California; but one in the yard of E. H. Workman, of this city, is now about three years old. The shrub has begun to open, and the size of the fruit is plainly shown, each banana being about two feet in length, and is valued at \$12.00. The Hermitage ranch, which embraces forty acres of highly cultivated land, commences grape picking on Monday. There is not a square inch of ground belonging to this ranch which is not producing. The vineyards yield largely of the best kind of grapes, and there are some very fine old orange trees in full bearing. Besides this, lemons, limes, pomegranates, and every kind of known vegetable flourishes. The ranch is the property of Messrs. Bullock and Pogson, and is valued at \$12,000. A pretty good price that for forty acres.

OUR INDUSTRIES.

The beautiful crystal springs of Los Feliz rancho with the aid of well applied industry would serve to supply the City of Los Angeles with ample water. The springs belong to the same level as the river, considerable water is allowed to pass off unutilized and to mingle with the less pure water of the Los Angeles river.

The water from the springs and the river traverse the same ditch as far as the reservoir where screen rocks rack all the sediment. From thence the water enters the main, by a sheet iron pipe 14 inches in diameter and cemented two inches deep. At the Catholic cemetery the diameter of the pipe is reduced to eight inches and the pipe itself is cast iron instead of sheet.

This eight-inch main runs into the town as far as Spring street, where the city supply is distributed through pipes of various calibre. The reservoir at the foot of the cañon is 30 feet in depth, and is capable of holding 6,000,000 gallons. The reservoir is almost a natural one being perfected by the construction of a dam across the cañon.

PAGE & GRANT'S CARRIAGE WORKS. A new firm, in business but six months, who confine their attention strictly to manufacturing carriages and light wagons. Although so recently established they have already turned out several very beautiful and easy running carriages, which would be creditable to any factory of much greater pretensions, and others, remarkable for their beauty; are in process of construction.

For many reasons, a home-made carriage is better than any that can be imported. Here the long, dry summer seasons the wood, and puts it in very fine condition for working up. The roads are rough and peculiar in their hardness, and in other respects, so that the wagons must be adapted to these conditions.

The gentlemen of this firm are practical mechanics, they are able to watch more carefully the work than would otherwise be the case. Starting in business with only their own funds, they have worked up a trade which justifies the employment of a dozen workmen, and they use up \$10,000 worth of raw material. Now they have in construction a light carriage, weighing only 175 pounds which, from the durability and strength of material, is sufficiently strong to convey two men. A barouche which they are building gives promise, both in finish and durability, to equal anything imported.

All parts of the carriage requiring strength, are made from second growth hickory, cured to order. To many of their carriages a novel feature is added—a peculiar easy back spring to the seats. If this firm grows, as there is every prospect that it will, another feature will be added to our manufactures.

A Brilliant Wedding. The union of Miss Carrie Geller to Mr. Henry Hazard took place at the church of St. Saviour, San Gabriel, on Friday evening of the 29th inst. The most favorable auspices. The church was full of invited guests and presented an array of toilettes never surpassed in the annals and records of dress. The marriage ceremonies were performed by the Rev. H. J. Messenger, the pastor of the Episcopal Church at San Gabriel.

The bridegroom accompanied by his friends left the city in an elegant barouche, drawn by four horses. The whole bridal party arrived at the church shortly before eight o'clock. The bride was attended by Miss Belle Mallard, Miss Josie Mallard, the bridegroom's sister, Miss Susie Geller. The bridegroom was supported by Thomas Temple, T. Jeff. White, and Wm. Geller, Jr. Quite a number of ladies and gentlemen friends of the happy couple came in from all parts to witness the ceremony, and the reception afterwards at Dr. Gellers was most brilliant. The festivities lasted until nearly midnight. One very pleasant feature at the reception was the recitation of Sheridan's Ride, with a Dutch parody on the same by Sam. W. Piercy, the young star actor now in a visit here. Mr. Piercy and Mr. Hazard are old college cronies, and both adopted the law as a profession, so that a very sincere friendship exists between them.

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Hotel Arrivals. Pico House—J. R. McConnell; city; R. A. Serrano, Ballona; Charles A. Kane, H. B. Mayhew, John Archibald and wife, H. E. Neil, San Francisco; Dominguez Lopez, Henry T. Hazard and wife, John Morris, city; James Young, San Gabriel; Martin Vandenberg, New York.

United States—M. Jacoby, Bakersfield; L. W. Winkoop, W. D. Kizer, Beloit, Kansas; John Wayne, Independence; M. B. Baxter, Visalia; J. E. Quinn, Arizona; J. Lyons, Cañon Station; Jas. Robertson, San Jose; J. Lopez, San Francisco; J. W. Clark, Mountain Ranch; Will Robinson, Ventura.

Bella Union—E. E. Hewitt, Wilmington; P. Hilton, Nevada; Lou Melzer, El Monte; John Roberts, Chas. Orton, P. Dreyfus, Anaheim; E. A. Phelps, S. P. R.; Wm. Cliff Road Agent; L. Phillips, A. T. Carrin, San Francisco; Smith T. Youngs, New York; H. Solomon, San Diego; William Standley, San Jose.

Exports. The following is the list of Exports in the Depot of the Los Angeles and S. P. R. R. for the week ending October 3, 1878.

Wine, 100,000 lbs. 2 1/2  
Liquor, 100,000 lbs. 2 1/2  
Wool, 100,000 lbs. 2 1/2  
Hides, 100,000 lbs. 2 1/2  
Fur, 100,000 lbs. 2 1/2  
Tallow, 100,000 lbs. 2 1/2  
Flour, 100,000 lbs. 2 1/2  
Sugar, 100,000 lbs. 2 1/2  
Coffee, 100,000 lbs. 2 1/2  
Tea, 100,000 lbs. 2 1/2  
Spices, 100,000 lbs. 2 1/2  
Fruit, 100,000 lbs. 2 1/2  
Vegetables, 100,000 lbs. 2 1/2  
Grain, 100,000 lbs. 2 1/2  
Stocks, 100,000 lbs. 2 1/2  
Miscellaneous, 100,000 lbs. 2 1/2

Police Report. The following is the report of arrests made by the police during the month of September.

Drunk, 20  
Disorderly, 12  
Misdemeanor, 10  
Accused of murder, 2  
Fast riding, 10  
Total, 64

The price for which butter is selling is good for the farmer, but hard for the people who buy it. Detective Harris is absent from the city on business.

Wilmington Breakwater.

With the kindly escort of General Banning, of Wilmington, and under the guidance of Captain Clinton B. Sears, of the U. S. Engineer Corps, the officer in charge, walked over every foot of the breakwater as far constructed and boated along the course of the rest of it.

From the inner end starting from and resting upon the southwest corner of Rattlesnake Island it runs southerly to the northwestern corner of Dead Man's Island. The length of the breakwater is 1,400 feet; its outline is that of a long and gradual curve, an arc of an immense circle, convex toward the south from which come the heaviest winds and surfs which it will have to withstand.

The material is Oregon fir, heavy iron bands and rods and huge boulders of rock. This is what art furnishes, but as fast as art builds out the breakwater nature completes its strength by washing in thousands of tons of sea shells against the windward or leeward side.

This deposition has already formed broad banks extending several hundred feet outward from the shore end and backing up so far to the windward as to present a surface some score of feet above the level of the water. It supplies human effort with a broad and deep sand bulwark much wider than that which separates San Diego bay from the open sea, and which must become permanently established long before the remarkably strong artificial work of the original breakwater can decay or fail.

The work is very strongly done. Teey drive heavy timbers thirty feet long and one foot square set closely together side by side. Inside of this a second set of thick planks twelve inches by four is driven so as to break joints. This double timbering rises four feet above high water. Just below the top, both inside and out, heavy stringers are thickly bolted along the entire length. This makes a barrier or bulkhead practically water tight.

This work extends 3,700 feet from the original shore. For 1,000 feet beyond extend double lines of such work set twelve feet apart, which, being heavily ballasted below, strongly bolted through and through by large iron rods and firmly secured together, forms a very strong, substantial pier. From the outer end of this double work to Dead Man's Island, where the water is deepest and the surf strongest, the work is of rock-boulders, varying in weight from a few hundred pounds, and piled in such quantities as to make an immensely heavy sea-wall. Along the leeward side of the single line of double pile-work, wherever the tides or eddies threaten to undermine or wash away the sapling-work, large boulders are dumped. To give additional security, in fact to completely insure the stability of the work at the points most exposed to the action of the natural currents, the constructor has built out strong wing-dams to divert the eddies or eddies away from the timber-work and shoot them off to land their aid in constantly clearing and deepening the main channel.

Three and a half millions of feet of lumber and 13,000 gross tons of stone for rip-rap work have already been dumped, and the work is going steadily on in the most vigorous and economical manner possible. Previous to use, the timber is treated thoroughly by the hydro-carbon vapor, which not only preserves the timber from rotting decay, but also renders it impervious to the action of the worms which work to about two feet above mean low water.

What will the breaker do? First, it will completely shut off the farther incoming and depositing of sand and shells, the northerly current flowing between Dead Man's Island and Rattlesnake Island has always brought in and left in such immense quantities that no dredging could sufficiently remove it to keep the bottom clear. Second, it will shelter an additional harbor from the strong south and southwest winds before which vessels have been hitherto compelled to "up-anchor and run to sea."

How long will it thus protect and secure that harbor? Capt. Sears, who has brought a thorough scientific education and a large amount of similar experience in the east, to bear upon the problem, thinks that the constant deposit of surf-driven sand which is steadily banking up along the windward, that is, the southern side of the breakwater, thus forming a bank or shore rising from three to five feet above high water, and all the while backing up to windward, cannot fill up the broad bay thus formed by Dead Man's Island, the breaker and Rattlesnake Island, in less than ten or twelve years. What does happen is that, when the sandy shore has filled in the whole present bay, it will naturally stretch westward, lap by the corner of Dead Man's Island, and begin to form a shoal along or near the present anchorage. At that time, or by that time, the commercial importance of the port will have increased sufficiently to justify the construction of an additional or final breaker-work, which, extending southerly or southwesterly from the outer island already named, toward deep water, will shut the northerly and easterly currents out to a depth in which the sandy deposit, which must steadily diminish from year to year, will be spread over a bottom so deep and broad that a hundred times as much sand could be washed upon it as is now being washed upon it, without shoaling it to any injurious, if indeed to any perceptible degree.

Upon the completion of the breaker-work some two million cubic yards of former deposits which have been for years accumulating for nearly two miles long the main channel will have to be dredged away. To effect this Capt. Sears proposes to use the new station dredge which by a broad-flanged screw swiftly revolving within an iron cylinder, with motion to that of an ordinary propeller screw, and with a velocity many times as great, rapidly sucks up water, sand, gravel, pebbles and shells. These are discharged into a huge filtering receptacle, which, allowing the water to run off, retains all the rest. Upon any bottom except a rocky one this machine has been found to work so successfully and economically that in the St. John's River, Florida, and other places along the Atlantic coast the cost of dredging with it has been reduced to seven cents a cubic yard. Capt. Sears is confident that even with the increased cost of labor and material, the cost of dredging the harbor of Wilmington need not exceed twenty-five cents a cubic yard. The cost of dredging away two millions of cubic yards at twenty-five cents a cubic yard would be, of course, half a million of dollars. The breaker-work completed and this immense deposit once removed, the subsequent navigation of the harbor would be unimpeded. The breaker-work, at least to any similar or even to any considerable extent, as the constant currents

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Delmonico Restaurant, MAIN STREET, OPPOSITE COMMERCE, Los Angeles, California. OPEN AT ALL HOURS. The choicest delicacies of the Best Market always on the Bill of Fare. Elegant DINNERS AND LUNCHEONS at a moment's notice. JAS. M. SAUNDERS & CO., Proprietors.

J. B. SAUNDERS & CO., DRUGGISTS AND CHEMISTS, 72 MAIN STREET, LOS ANGELES. THE CHOICEST TOILET ARTICLES, THE PUREST DRUGS AND PATENT MEDICINES of all kinds, and Prescriptions carefully compounded day and night.

PELICAN SALOON, Spring Street, opposite the Post Office. DAVE MAIN HAS RETIRED from the Judicial contest, in order to devote his time to more substantial pursuits. Flooding down the stream of life plentifully, with a little more of the same, they will in conjunction present the following witty drinks: The Almonico, The Peppercorn, The Nipponer, The Briz Around the Corner.

THE CHOICEST WINES, LIQUORS AND CIGARS always on hand. WANTED. 500 MEN WITH TEAMS, to bring their wives and children to buy goods at the Dollar Store. Present prices being 25 to 100 per cent. less than elsewhere.

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