

POPULAR SCIENTIFIC RECREATION.

A Pretty Illustration of the Pressure of Gas and the Force of Gravitation. Take a wide mouthed bottle and bore through the cork a hole of such size as to allow the insertion of the neck of a glass funnel, and make an airtight joint with paraffip wax or a bit of common paraffin



THE MAGIC BUTTERFLY. tween cork and bottle. Half fill the bottle with water and drop into it two of the powders, a blue and a white one (bicarbon-ate of soda and tartaric acid), sold by chem-ists for the production of the familiar Seid-lits describe.

litz draught. The liquid forthwith effervesces by reason of the liberation of the carbonic acid gas, and this gas struggles to escape, as fast as it is generated, through the opening of the funnel. But if you place in the funnel one or two balls of elder pith or cork (in the latter case they may be cut out of a wine bottle cork) the gas can only escape to tarmittently, one or other of the balls wine bottle cork) the gas can only escape intermittently, one or other of the balls falling, by force of gravitation, into the lower part of the funnel and stopping the passage until the pressure of the carbonic acid gas in the bottle below becomes so strong as to lift it out of the way. Whenever this happens a portion of the gas escapes, the pressure diminishes and one of the balls again falls into the opening. The effect continues as long as the gas continues to be liberated, and if you have painted the balls in different colors their dance as they rise and fall in the funnel has a very pretty effect. By gumming one of your little balls to the center of a cigarette paper, cut out and colored to represent the wings of a butterfly, you may give the experiment quite terfly, you may give the experiment quite an artistic character.

A Coal Saving Composition. In regard to a coal saving composition, lately tested at Leeds, The Iron and Coal Traders' Review says: The composition is a chemical compound resembling fine sand, a chemical compound resembling fine sand, and one of the principal properties claimed for it is that when sprinkled on an ordinary fire, after it has been made up, it insures thorough combustion, all the gas and tar, which in the ordinary way is allowed to pass off in smoke up the chimney, being consumed. The modus operandi is very simple, all that is required to be done being to sprinkle about half an ounce of the composition over the fire. A chemical reaction takes place in the coal, and the top of the fire becoming cemented together, gradually fire becoming cemented together, gradually consumes all of the tar and black smoke given off, while the heat, instead of escaping through the top of the fire, is thrown out into the room. After the fire is about half burnt out nothing but coke remains, and it gives off a great heat. The compo-

sition is not, however, suitable for use with

The Gas from Blast Furnaces Utilized. According to The Iron Trade Review, a According to The Iron Trade Review, a company in Scotland pays a yearly rental to a number of iron works for the right to collect the smoke and gases which escape from the blast furnaces. These gases pass through several miles of iron pipe, gradually diminishing from six feet to eighteen inches, and as the gases cool there is found to be a considerable deposit of oil, while the residual gases are used for distilling and other purposes, besides yielding a large percentage of ammonia. At one of these plants in Glasgow, which is the these plants in Glasgow, which is the smallest of the works in operation, about 60,000,000 feet of gas is pumped and collected a day and the company recovers on an average 25,000 gallons of oil a week. The oils obtained are for the Lucigen and other similar lights and for pickling tim-

Putting Out Fire with Sand. In connection with the equipment for fire protection of wood working establishments it is recommended by Fire and Water that a gallon pail filled with fine sand be always placed within convenient reach of each workman employed where rolling and finishing is being done. This practice might well be followed wherever there is a possibility of fire starting in oils or oil soaked materials. There is nothing which will squelch an oil fed fire in its inwhich will squelch an oil fed fire in its in-cipiency more quickly and effectually than sand—and there are no afterclaps in the way of water damage.

Costly Metals.

Some rare metals, possessing special qualities, are required for certain work. Thus palladium is used in making some parts of timepieces, and irridium for the points of gold pens. Lithium is the lighest of metals. Rhodium is extremely hard and brittle, and is only fusible at a very high temper-ature, and irridium is the heaviest sub-stance hitherto discovered. The uniniti-ated have no idea of the value of these scarce products, which are most of them far more precious than gold and silver, as far as their market value is concerned.

A Gigantic Pendulum. A Gigantic Pendulum.

The experiments with a pendulum, to visibly demonstrate the motion of the earth, formerly made by Foucault under the cupola of the Pantheon, are about to be renewed on an even larger scale, says Popular Science News. The new gigantic pendulum has just been suspended from the center of the second platform of the Eiffel tower. It consists of a bronze wire 350 feet long, with a steel globe weighing 180 pounds at the end. 180 pounds at the end.

The Safety Valve advises to always have your boiler covered with non-conducting material, no matter how cheap your fuel

Fuller's earth made into a paste and applied with a flannel will take oil stains off

How They Cure Rheumatism in Penn-

Mr. J. F. Meighan, a Pittsburgh cigar dealer, awoke one morning with an attack of rheumatism in his right arm. Working around the store during the pain was so severe that he could not raise his hand to his head and had to East Second.

115 E. Second Street.

Take Notice—I have removed from No. 202

carry his arm in a sling. One of his customers, on learning the facts, went tomers, on learning the facts, went across the street to E. E. Heck's drug store, and at his own expense procured a bottle of Chamberlain's Pain Balm and persuaded the cigar dealer to try it. It eased the pain and reduced the swelling so that by the next morning he could use his arm, and by the second morning was entirely well. This is only one of the many severe cases of rheumatism that have been cured by this valuable remedy. 50 cent bottles for sale by C. F. Heinzeman, druggist, 222 N. Main street.

Eucaloline Will cure the worst case of piles known.

OPTICIANS AND JEWELERS.



THIS IS OUR WAY OF FITTING GLASSES! The careful and proper adjustment of Frames is as important as the correct fitting of lenses. We make the scientific adjustment of Glasses and Frames our specialty, and guarantee a perfect fit. Testing of the eyes free. Full stock of artificial eyes on hand. Glasses ground to order on precises.

n premises.
S. G. MARSHUTZ, Scientific Optician,
229 S. Spring street, Theater Building.



Correct fitting of Glasses and Lenses ground to order our specialties Oculists' pre-scriptions carefully filled Arti-ficial Eves on hand.

DR. WONG HIM.

THE FIRST CHINESE PHYSICIAN TO practice his profession in this city was Dr. WONG HIM. Has practiced here for sixteen (16) years, and his cures and successful treatment of complicated diseases is proof of his ability. He belongs to the sixth generation of doctors in his family. A trial will convince you. OFFICE: 639 Upper Main st. P.O. box 564, Station C, Los Angeles, Cal.

TO THE PUBLIC: DR. WONG HIM, 639 Upper Main st., has cured my mother of the typhoid feyer in the short time of one week, and has left her entirely well, and also has cured me of a tumor I had on my left side. After suffering for a long time and receiving no benefit from others, I concluded to try the above gentleman (Dr. Wong Him), who has left me entirely well, and now I feel it my duty to testify in his behalf I wish to recommend him to the public as an efficient and skillful physician. MISS CARRIE PEREIRA and MRS. D. C. PEREIRA, 550 Gariardo st., Los Angeles, Cal February 21, 1891.

TO THE PUBLIC.

I take this opportunity of highly recommending Dr. Wong Him's abilities as a physician to all who have any diseases, especially those whose complaints resist the treatment of other physicians.

For two months I suffered from impure blood and disordered stomach, together with a sore lip which failed to heal, and was finally persuaded to call and see Dr. Wong Him at his of fice, 639 Upper Main street. I had a consultation, and after an examination of my pulse he gave me a powder for my lips and medicine internally, and said he would cure me in one week or ten days, and at the expiration of that week or ten days, and at the expiration of that time declined to give me any more medicine, because I was cured, which statement I fully endorse, for I have not been so well for a long time.

JOSEPH R. DUBBS, February 25, 1891.

Los Angeles, Cal.

February 25, 1891. Los Angeles, Cal.

I had been sick five months, paid out large sums of money for dcotors and medicines, but derived no benefit. Dr. Wong Him was recommended to me by a friend. I did not think I could get well, as my iungs and kidneys were very bad and getting worse all the time. Dr. Wong Him took me in this condition; he has in two months' time entirely cured me, and now I feel it my duty to testify in his behalf. I wish to recommend him to the public as an efficient and skillful physician.

THOMAS WHITE.

Los Angeles, May 13, 1891.

NOTICE.

Tos angeles and pacific railway Company.—Location and principal place of business, Los Angeles city California. There is delinquent upon the following described stock, on account of assessment levied February 27, 1891, the several amounts set opposite the names of the respective shareholders, as follows:

9		CERTIFI-	NO. OF	
3	SUBSCRIBERS.	CATE NO.	SHARES	. AMOUNT
		(24	100	\$200.0
ø	A. Gayford		100	200.0
	A. daylold	26	100	200.0
8	C. Cole	260	50	100.0
	C. Cole			
8	S. P. Rees	(33	50	100.0
93		1 34	50	100.0
8	T. Bennington		20	40.0
8	C. B. Woodhead		7.5	14.0
2	Jennie L. Wicks	248	300	600 0
93	M. L. Wicks	257	50	100.0
	And in accordan	nce with la		n order o
я	the Board of Direc	tors made	on the 3	let deve
s	March, 1891, so m	ony chores	of oach	paraol o
Ю	said stock as may	any suares	or each	parcel o
8	No 200 N Los As	y be necess	Sary Will	De soid 8
93	No. 200 N. Los Ang	geles street	, Los An	geres city
83	on the 20th day	or April,	1891, at	11 a m. o
33	said day, to pay de	linquent	assessme	nts there
9	on, together with	costs of a	dvertisin	g and ex
	pense of sale.		SAME OF STREET	
8	4-4-td	F. E.	FRANT	Z, Sec'y.

At a meeting of the Board of Directors, held on the 20th day of April, 1891, it was resolved that the above advertised sale of stock be post-poned to Wednesday, May 20, 1891 4-21td F. E. FRANZ, Secretary.

At a meeting of the directors held May 16th, it was resolved that the sale of delinquent stock above advertised be further postponed to Friday, June 5th, at 11 a.m.
5-20 td F. E. FRANTZ, Secretary,

NOTICE OF SALE OF WINES AND

COOPERAGE.

COOPERAGE.

NOTICE IS HEREBY GIVEN THAT PURSUant to a certain chattel mortgage, made on
14th day of November, 1890, by John P. Moran
to Calinor ia Bank of Los Angeles, California,
and recorded in Vol. 10 of chattel, mortgages,
page 281, Los Angeles county records, the California Bank will, on the 10th day of June,
1891, at 10 o'clock a.m., at the warehouses
known as warehouse No. 1 and warehouse No.
2, where the property is now stored, situated on
lots one and three block "A" of the Moran tract,
in Los Angeles city, near the corner of Ninth
street and Maple avenue, cause to be sold at
public auction, to the highest bidder, for cash,
the following described personal property, towit: Fitty-five (55) pipes of wine and fity-six
(56) puncheons of wine and two (2) barrels of
wine, and the pipes, puncheons and barrels in
which the same is contained and stored, all
now stored and located in warehouse No 3,
fronting on Maple avenue, as above described.
Also 29 empty pipes, 3 empty puncheons and
12 empty barrels, together with all wines and
liquors in the cooperage in which the same
is contained, and all casks, pipes and cooperage described in the mortgage above referred
to.,

Also twenty-three pipes of wine and forty-

Also twenty-three pipes of wine and fortynine puncheons of wine, and the cooperage
pipes and puncheons in which the same is contained and stored, and forty-nine empty pipes
and puncheons used for storing wines, together
with all wines and liquors and the cooperage
in which the same is contained, and all casks,
pipes and cooperage as described in said mortgage, which said property is now stored in
warehouse No. 2, on lots 1 and 3 of the Moran
tract as above described.

The presence and bidding of wine dealers are
solicited at the above sale. This 25th day of
May, 1891.

CALIFORNIA BANK.

CALIFORNIA BANK.
By Hughes & Garrison, its attorneys. 5-26td

AWNINGS, FLAGS, TRUCK, HAY AND WAGON COVERS. forenoon made it worse. By noon the A.W. SWANFELDT,

How Lost! How Regained!

Great Medical Work for Young and Middle-Aged Men. New Edition.



Or SELF-PRESERVATION. A new and only Gold Medal PRIZE ESSAY on NERVOUS and PHYSICAL DEBILITY, ERBORS of YOUTH, EXHAUSTED VITALITY, PREMATURE DÉCLINE, and all DISEASES and WEAKNESSES of MAN. 300 pages, cloth, gilt; 125 invaluable prescriptions. Only \$1.00 by mail, double sealed. Descriptive Prospectus with endorsements FREE! SEND of the Press and voluntary testimonials of the cured. Consultation in person or by mail. Expert treatment. INVIOLABLE SECRECY and CERTAIN CURE. Address Dr. W. H. Parker, or The Peabody Medical Institute, No. 4 Bulfinch St., Boston, Mass. or Post Office Box 1895.

The Peabody Medical Institute has many instators but no equal. —Herald. (Copyrighted.)

Private Dispensary, MAIN ST., LOS ANGELES, CAL ESTABLISHED 1886.1

NERVOUS DEBILITY, seminal weakness, impotency, etc., resulting from youthful indiscretion, excesses in matured years and other causos, inducing some of the following symptoms, as dizziness, confusion of ideas, defective memory, aversion to society, blotches, emissions, exhaustions, variocele, etc., are permanently cured.

URINARY, KIDNEY and BLADDER troubles, weak back, incontinence, generrheea, gleet, stricture, and all unnatural discharges are quickly and perfectly cured. SCROFULA AND SYPHILIS

causing ulcers, eruptions, enlarged joints, rheumatism, swelling in groins, mucous patches in mouth, sore throat, falling hair, catarrh, and many other symptoms, are quickly removed and all poison thoroughly and permanently eradicated from the system, by purely vegetable treatment.

THEATMENT at office or by express. All letters strictly confidential. eld office, 133 N. Main st.

3-29 tf

TO THE UNFORTUNATE!



Dr. Gibbon's DISPENSARY 623 Kearny Street

Corner of Commercial, San Francisce, Cal. Established in 1854, for treatment of Sexual and Seminal Diseases, such as Gonorrhea, Gleet, Stricture, Syphilis in all its forms. Seminal Diseases, such a flicted should not fail to call upon him. The Doctor has traveled extensively in Europe and inspected thoroughly the various hospitals there, obtaining a great deal of valuable information, which he is competent to impart to those in need of his services. The Doctor cures where others fail. Try him. DR. GIBBON will make no charge unless he effects a cure. Persons at a distance CURED AT HOME. All communications strictly confidential. All letters answered in plain envelopes.

Send ten dollars for a package of medicine Call or write. Address DR. J. F. GIBBON, Box 1,957, San Francisco, Cal.

DR, JORDAN & CO'S MUSEUM OF ANATOMY Removed to their New Building, 1051 Market St. bet. 6th & 7th. Enlarged, where 10,000 instructive objects may be seen, collected in Europe at a cost of \$80,000. This is the only Museum this side of the Mississppi. Established here twenty-five years ago. Go and be taught how wonderfully you are made, and how to avoid sickness and disease.

Entrance for ladies and gentlemen, 25c.





Chres in Too DAYS.
Guarantee Lock to Genory hoes & Gleet.
The chy sate remedy for Companies Lock to Companies the leading remedy for Companies the leading remedy for Louise and Feel safe in recommending it the Evass Chemical Co. to all sufferers.

\$500 Reward !

WE will pay the above reward for any case of Liver Complaint, Dyspepsia, Sick Headache, Indigestion, Constipation or Costiveness we cannot cure with West's Vegetable Liver Pills, when the directions are strictly compiled with. They are purely Vegetable, and never fail to give satisfaction. Sugar Coated. Large boxes, containing 30 Pills, 25 cents. Beware of counterfeits and imitations. The genuine manufactured only by THE JOHN C. WEST COMPANY, CHICAGO, ILL. Sold by H. M. SALE & SON 220 S. Spring st

SUMMONS.

IN THE SUPERIOR COURT OF THE STATE of California, in and for the County of Los In This Superrior Court of the State is a California, in and for the County of Los Angeles.

Patience E. Mullen, plaintiff, vs. Thomas C. Mullen, defendant.

Action brought in the Superior Court of the State of California, in and for the County of Los Angeles, and the complaint filed in said County of Los Angeles, in the office of the Clerk of said Superior Court.

The People of the State of California send greeting to Thomas C. Mullen, defendant

You are hereby required to appear in an action brought against you by the above-named plaintiff in the Superior Court of the State of California, in and for Los Angeles County, and to answer the complaint filed therein, within ten days (exclusive of the day of service), after the service on you of this summons, if served within this county: or, if served elsewhere, within thirty days, or judgment by default will be taken against you according to the prayer of said complaint.

The said edurt dissolving the bonds of matrimony

against you according to the prayer of said complaint.

The said action is brought to obtain a decree of said court dissolving the bonds of matrimony existing between said plaintiff and defendant, as alleged in said complaint, upon the grounds of willful desertion of said plaintiff by said defendant, and also that the custody of two minor children mentioned in said complaint be awarded to said plaintiff, and for such other and further relief as may seem just and proper, and for costs of suit. Reference is had to complaint for particulars.

And you are hereby notified that if you fail to appear and answerthe said complaint as above required, the said plaintiff will cause your default to be entered, and will apply to the court for the relief demanded in the complaint.

Given under my hand and the seal of the Superior Court of the State of California, in and for the County of Los Angeles, this 8th day of May, in the year of our Lord one thousand eight hundred and ninety-one.

[SEAL.]

T. H. WARD Clerk.

By D. E. Adams, Deputy Clerk

Jones & Carlton, attorneys for plaintiff.

5-11 mon 2m

Notice for Publication of Time for Proving Will, Etc.

IN THE SUPERIOR COURT, STATE OF CALI-fornia, County of Los Angeles, ss.
In the matter of the estate of Jean Begue, deceased. In the matter of the estate of Jean Begue, deceased.

Notice is hereby given, that Tuesday, the 9th day of June, 1891, at 10,0 clock a.m. of soid day, at the courtroom of this Court, Department Two thereof, in the City of Los Angeles, County of Los Angeles, and State of California, has been appointed as the time and place for hearing the application of: Alaniz de Begue, praying that a document now on file in this Court, purporting to be the last will and testament of the said deceased, be admitted to probate, that letters testamentary be issued thereon to Alaniz de Begue, at which time and place all persons interested therein may appear and contest the same.

Dated May 26, 1891.

T. H. WARD, County Clerk.

By F. E. LOWRY, Deputy.

5-28 td

315 and 317 South Spring St.

→FOR 10 DAYS는

COMMENCING MONDAY, JUNE

GENUINE BARGAINS attract the attention of everyone, and we intend to make this a memorable Ten Days' Sale in the way of Bargains.

A BONANZA FOR THE PEOPLE—As we are soon to receive large shipments of goods direct from some of the Best Eastern Manufacturers, and wish to close out lines now on hand that are somewhat broken in sizes before the arrival of new goods, we will make a Big Reduction in the way of prices for the next Ten Days.

HALF PRICE—In many cases we will actually sell goods at Half price in

order to close them out at once.

NOTE SOME OF THE BARGAINS—Lot of Ladies' French Kid and Dongola Button of E. C. Burt's make, will be sold at \$3.50; former price \$6 and \$7.

Burt & Packard's make of Men's Fine Hand-sewed Shoes at \$4; former price \$8. How is this cut for fine shoes?

HERE IS ANOTHER LIST OF BARGAINS.

We mention only a few of the Bargains to be had at this Great Sale, but we have many others to show you.

-CALL AT ONCE FOR BARGAINSE

315 and 317 S. Spring Street, Near Third Street.

OLCOVICH BROS., - - PROPRIETORS.

BANKING HOUSES

Security Savings Bank, Capital, \$200,000 NO. 148 SOUTH MAIN STREET, LOS ANGELES, CALIFORNIA.

OFFICERS AND DIRECTORS.

OFFICERS AND DIRECTORS.

F. N. MYERS

F. N. MYERS

Chants' Bank, San Francisco: President Farmers and Merchants' Bank, Los Angeles.

ANDREW J. BOWNE. President Fourth National Bank, Grand Rapids, Mich.; President Hastings Nath.

MRS. EMELINE CHILDS

Executrix Estate of O. W. Childs, deceased, Los Angeles, Cal.

H. W. HELLMAN

Vice-president Farmers and Merchants's Bank, Los Angeles
S. A. FILEMING

VICE-PRESIDENT

T. L. DUQUE

Capitalist and Wholesale Merchant of Panama, Republic of Colombia
A. C. ROGERS

MURICE S. HELLMAN

Of Hellman, Waldeck & Co., Wholesale Stationers, Los Angeles
JAMES RAWSON

J. A. GRAVES

Of Graves, O'Melveny & Shankland, Attorneys, Los Angeles
J. F. SARTORI

CASHIER; also Vice-president First National Bank, Monrovia, Cal.

FIVE PER CENT INTEREST PAID ON DEPOSITS.

The notice of the public is called to the fact that this bank has a large paid-up capital, and only loans money on approved real-estate security; that among its stockholders are some of the oldest and most responsible citizens of the community; that, under the state law, the private estates of its stockholders are pro rata liable for the total indebtedness of the bank. These facts, with care exercised in making loans, insure a safe depository for saving accounts. School teachers, clerks, mechanics, employees in factories and shops, laborers, etc., will find it convenient to make deposits in small amounts. CHILDREN'S SAVING DEPOSITS received in sums of 25 cents and upward. Remittances may be sent by draft or Wells, Fargo & Co.'s express.

3-14 6mos

5 PER CENT INTEREST ON DEPOSITS.

Main Street Savings Bank and Trust Co. NO. 426 SOUTH MAIN STREET, LOS ANGELES, CAL.

INCORPOBATED OCT. 28TH, 1889. CAPITAL STOCK, - - - -J. B. LANKERSHIM, Prest. F. W. DEVAN, Cashier. CHAS. FORMAN, Vice-Prest.

5-cent Deposit Stamps for Sale at Stores in different parts of the city.

Deposits will be received in sums of from one dollar to five thousand dollars. Term deposits in sums of fifty dollars and over.

We declare a dividend early in January and July of each year. Its amount depends on our earnings. Five per cent. on term and from three to four on ordinary.

Money to loan on mortgages. Bonds and dividend paying stocks bought and sold. Incorporated Oct. 28, 1889.
INCREASE OF TOTAL RESOURCES.

 January 1st, 1890
 \$115,871.37

 April 1st, 1890
 191,715.92

 July 1st, 1890
 287,711.36

 October 1st, 1890
 324,804.46

 January 1st, 1891
 389,453.86

 May 26th, 1891
 518,492.81

STATEMENT OF THE CONDITION -OF THE-

LOS ANGELES NATIONAL BANK OF LOS ANGELES, CAL., MAY 4, 1891.

Total\$2,175,705 03 Total \$2,175,705 03

TROY LAUNDRY,

Works, 571, 573 and 575 North Main Street. Telephone No. 46

MAIN OFFICE, UNDER LOS ANGELES NATIONAL BANK, FIRST AND SPRING STREETS.

Dress Shirts and Lawn Tennis Suits and Tennis Shirts Neatly Done. washed and shrinkage. washed

Work TRIAL and

Good

LINES OF TRAVEL.

SATURDAY, MAY 2, 1891, Trains leave and are due to arrive at EOS ANGELES (ARCADE DEPOT), Fifth street, daily, as follows:

Banning. Banning. Colton. Beach and East. San Pedro. En and East, 1st cen and East, 2d c. Portland, Or. Riverside. Riverside. Riverside. San Bernardino.	10:00 p. m 4:20 p. m 10:15 a. m 10:00 p. m 8:37 a. m 10:00 p. m 8:37 a. m 10:00 p. m 8:37 a. m 10:15 a. m 7:25 a. m 10:15 a. m 4:20 p. m 10:00 p. m
Deming and East El Paso and East Chino ng Beach and Sa Pedro, ng Beach an San Pedro. en and East, 1st cen and East, 2d c Portland, Or Riverside Riverside Riverside	10:00 p. m 10:00 p. m 8:37 a. m 3:27 p. m dd 8:15 a. m lasss 2:30 p. m lasss 7:25 a. m 7:25 a. m 10:15 a. m 4:20 p. m 10:00 p. m
Deming and East El Paso and East Chino ng Beach and Sa Pedro, ng Beach an San Pedro. en and East, 1st cen and East, 2d c Portland, Or Riverside Riverside Riverside	10:00 p. m 10:00 p. m 8:37 a. m 3:27 p. m dd 8:15 a. m lasss 2:30 p. m lasss 7:25 a. m 7:25 a. m 10:15 a. m 4:20 p. m 10:00 p. m
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El Paso and East Chino C	10:00 p. m 8:37 a. m 3:27 p. m dd 8:15 a. m lass 7:25 a. m 7:25 a. m 10:15 a. m 4:20 p. m 10:00 p. m
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Riverside	4:20 p.m
Riverside	10:00 p. m
Con Downandina	10.15 0 00
San Bernardino.	4:20 p.m.
San Bernardino.	
Redlands	
Redlands	
Redlands	10:00 p. m.
Fran, and Sacran	1'to 7:25 a. m.
Fran. and Sacran	
a Ana and Anah	eim 8:55 a. m.
a Ana and Anah	eim 4:04 p. m.
Santa Barbara.	2:55 p. m.
	2:55 p. m. 9.05 p. m.
	8:38 a. m.
Santa Monica	t 6:40 p. m.
Santa Monica	11:57 a. m
Santa Monica	4:28 p. m.
Santa Monica	7:20 a. m
Tustin	8:43 a. m
**** ****	8:43 a. m
	Fran. and Sacran a Ana and Anahe a Ana and Anahe Santa Barbara. Santa Barbara. Santa Monica. Santa Monica. Santa Monica. Santa Monica. Tanta Monica. Tustin. Whittier

checked, Pullman sleeping car reservations made, and general information given upon application to J. M. CRAWLEY, Asst. G. Pas. Agt., No. 200 S. Spring st., cor. Second. CHARLES SEYLER, Agent at Depots.

'Sundays only.

||Sundays excepted.
| RICH'D GRAY, Gen. Traffic Mgr.
| T. H. GOODMAN, Gen'l Passenger Agt.

Southern California R'y Co.

Leave.	Los Angeles.	Arrive.
*12:20 p. m	Overland	* 2:45 p. m
* 8:15 a. m	. San Diego Coast Line.	*12:10 p.m
* 3:05 p. m	. San Diego Coast Line.	* 9:00 p.m
* 8:30 a. m	. Azusa and Pasadena	* 9:55 a. m
*10:25 a. m	. Azusa and Pasadena.	* 1:25 p. m
* 4:00 p. m	Azusa and Pasadena.	* 6:30 p. m
* 1:25 p. m	Azusa and Pasadena.	* 7:40 a. m
† 5:22 p. m	Azusa and Pasadena.	\$ 4:40 p.m \$ 8:50 a. m
9 6:30 p. m	Azusaand Pasadena.	\$ 8:50 a. n
*12:20 p. m	Pasadena	# 9.45 m w
+ 7:45 a. m	Pasadena	7 8:50 a m
* 8:30 a. m	(San Bernardino)	
*12 20 p. m	· \ via }	2:45 p. n
* 4:00 p. m	. (Pasadena)	* 6:30 p. n
*10:00 a. m	(San Bernardino) Pasadena (San Berdnard'o via)	*10:15 a. n
† 4:00 p. m	. Kiverside and Or->	* 5:39 p. m
6:40 p. m	(ange)	
* 8:30 a. m	. Kiverside via Pasadena	* 6:30 p. n
*10:00 a. m	Riverside via Orange	*10:15 a. n
† 4:00 p. m	Riverside via Orange	* 5:39 p. n
6.40 p. m	Riverside via Orange	
* 8:30 a. m	(Redl'ds & Mentone)	* 9:55 a. n
*12:20 p. m		* 6:30 p. m
† 4:00 p. m	Pasadena	† 2:45 p. n * 5:39 p. n
*10:00 a. m.		* 5:39 p. n
4:00 p. m	via Orange & River-	†10:15 a. n
6:40 p. m	(side)	
†12:20 p. m.	S. Jacinto via S. Bdno	† 6:30 p. m
	Temecula & S. Jac.	
110:00 a. m.	via Or'ge & E.R'vsd	† 5:39 p. m
8:15 a. m.	Santa Ana	* 8:50 a.m
3:00 p.m.	Santa Ana	*12:10 p. n
	Santa Ana	5:39 p. n
5:05 p. m.	Santa Ana	9:00 p. n
1 3:05 p. m.	Escondido via C'st line Redondo Beach	†12:10 p. n
*1.20's m	Redondo Beach	* 8:29 a. n
1:30 p. m	Redondo Beach	* 3.53 p. n
5:25 p. m.	Redondo Beach	
6 0.10 a m	Redondo Beach	5:18 p. n
y 9:10 a. m	Redondo Beach	9 6:19 p. n
11 medicate	Daily except Sunday. §Su D. CHAMBERS, Ticket A First-str	gent, eet Depot.
CI	HAS. T. PARSONS, Tick 129 North Spi	et Agent

Pacific Coast S. S. Co.

GOODALL, PERKINS & CO., GENERAL Agents, San Francisco. Northern routes embrace lines for Portland, Ore.; Victoria, B. C., and Puget Sound, Alaska, and all coast points.

SOUTHERN ROUTES.
Time Table for May, 1891
LEAVE SAN FRANCISCO.

LEAVE SAN PEDRO.

LYAVE SAN PEDRO.

For S. S. Corona, May 3, 11, 19, 27, June 4.
Port Harford... S. S. Pomona, May 7, 15, 23, 31, June 8.

LEAVE SAN PEDRO AND REDONDO.
For S. S. Kureka, May 4, 12, 20, 28, June 5.
and S. S. Coos Bay, May 8, 16, 49, June 1.
Cars to connect with steamers via San Pedro, leave 8. P. R. R. depot, Fifth street, Los Angeles, at 9:25 o'clock a. m.
Passengers per Coos Bay and Eureka via Redondo, leave Santa Fe depot at 5:25 p. m.
Plans of steamers' cabins at agent's office, where berths may be secured.
The steamers Eureka and Coos Bay will call regularly at Newport pier for and with freight and passengers
The company reserve the right to change the steamers or their days of salling.

For passage or freight as above or for tickets to and from all important points in Europe, apply to

W. PARRIS, Agent,
Office, No. 124 West Second st., Los Angeles.

Office, No. 124 West Second st., Los Angeles.

Los Angeles Terminal Railway Co.

Leave Los Angeles for Pasadena.	Leave Pasadena for Los Angeles.			
* 9:30 p. m *11:30 p. m	# 7:15 a. m † 8:00 a. m * 9:00 a. m *10:00 a. m *11:00 p. m * 1:00 p. m * 2:00 p. m * 4:00 p. m * 5:25 p. m			
dena 30 minutes.	Leave Glendale for Los			
† 7:00 a. m. * 8:25 a. m. *11:40 a. m. * 2:15 p. m. * 4:10 p. m. * 6:05 p. m.	*10:10 a, m, 1:10 p. m. * 3:15 p. m * 5:05 p. m.			
Running time between Los Angeles and Gledale, 30 minutes. Add 5 minutes for Verdus Park time.				
Leave Los Angeles for Altadena.	Leave Altadena for Los Angeles.			
† 6:45 a. m. *12:01 p. m. * 4:00 p. m.	7:43 a. m 1:00 p. m 5:00 p. m			
Running time betwee dena, 55 minutes.	Running time between Los Angeles and Altana, 55 minutes.			

*Daily. †Daily, except Sundays. Staturday night only. Special rates to excursion and picnic parties Depot east end Downey-avenue bridge. General offices, rooms 12, 13 and 14, Burdick

JAMES WOLFFSOHN,

COMMISSION MERCHANT,

No. 210 California Street,

SA RANCISCO, CAL.