EDUCATIONAL.

Los Angeles Splendidly Equipped with Institutions of Learning.

The County Schools and Their Scope. Statistics and Official Figures Showing the Efficiency of the System.

The following table indicates the yearly growth of the schools in this county during the past ten years. It will show an apparent falling off of attendance during the years 1888-89 and 1889-90. This difference is only apparent, because it is due to the creation of Orange county in 1889 out of Los Angeles county, which took from the latter 31 school districts, 72 teachers, 4095 children between 5 and 17 years of age, and 1523 children under 5 years. Deducting these figures from those of 1888-89, and comparing the remainder with the statistics of 1889-90, it is found that while there has been the very small loss of 310 children between 5 and 17 years, and of 298 under 5 years of age, there has been an increase of 120 in the average daily attendance, of 30 in the number of teachers, and a marked increase in the number of normal graduates employed:

	1880-81	1881-82	1882-83	1883-84	1884-85	1885-86	1886-87	1887-88	1888-89	1889-90
Total valuation of school property	$243,364	267,753	346,419	426,729	467,728	545,569	742,257	1,067,364	1,246,615	1,381,435
Valuation of school apparatus	$3,476	4,552	4,505	5,235	5,257	6,735	11,071	11,521	15,530	
Valuation of school libraries	$15,127	18,128	17,089	17,427	21,500	20,042	24,842	27,797	31,521	24,675
Valuation of lots, buildings and school furniture	$224,761	245,073	324,225	399,067	440,665	520,140	708,080	1,028,175	1,246,615	1,341,230
Average amount per teacher from state and county fund	$929 17	897 50	921 63	827 05	739 15	769 44	743 19	719 47	859 60	907 51
Rate of county school tax on the $100	124-509 20	128,342 19	136,545 18	147,338 15	155,962 18	181,588 14	193,974 17	248,219 17	248,431 12	358,115 16
Total amount received from state and county fund	$36,881	31,663	34,129	40,889	46,471	64,672	64,236	76,559	130,577	130,405
Amount received from county school fund	$85,628	96,679	102,416	105,449	109,431	116,916	129,738	171,660	221,716	221,710
Amount received from state school fund	24 17-10	23 23-10	34 21-10	20 3-10	21 9-10	42 7-10	42 5-10	44 3-10	54 7-10	50 7-10
Per cent. of total number	33	33	34	36	61	101	111	253	222	197
No. of teachers who are graduates of state normal schools	9 4-10	9 6-10	8 7-10	8 3-10	8 3-10	8 4-10	8 4-10	8 5-10	8 6-10	8 9-10
Average No. of months school was maintained	$72	$71	$74	$73	$75	$74	$73	$75	$75	$81
Average monthly salary. Female	$79	82	85	87	88	83	85	89	89	93
Average monthly salary. Male	76	90	97	116	146	161	190	273	332	313
Total No. of Teachers employed. Female	58	53	62	61	65	75	71	72	76	75
Total No. of Teachers employed. Male		14 1-10	21 7-10	15 5-10	13 9-10	13 3-10	13 1-10	11 7-10	26 3-10	
Gain, per cent	3,662	4,179	5,089	5,981	6,703	7,613	8,541	11,797	12,715	
Average daily attendance	63 3-10	67 1-10	75 5-10	76 1-10	74 7-10	75 9-10	76 6-10	71 8-10	80 4-10	
Per cent. enrolled of total No. between 5 and 17	6,334	7,805	9,287	10,832	11,365	12,616	14,852	19,575	20,327	19,659
Total No. children enroll'd in the public schools	5,455	6,175	7,533	9,086	9,624	10,084	11,879	16,670	18,258	16,171
No. pupils in primary schools	1,372	1,511	1,620	1,592	1,569	1,389	2,801	2,704	2,919	2,652
No. pupils in grammar schools	117	119	134	154	175	143	172	181	259	255
No. pupils in high school		4 4-10	11 9-10	25 6-10	7 1-10	7 2-10	16 3-10	23 8-10	16 9-10	
Gain, per cent	4,152	4,356	4,877	6,127	6,505	7,038	8,186	10,438	11,583	10,602
No. of children under 5 years of age		9 5-10	6 9-10	14 5-10	6 9-10	6 1-10	16 6-10	40 6-10	2	
Gain, per cent	10,699	11,625	12,427	14,232	15,218	15,615	19,380	27,250	27,771	23,394
No. census children between 5 and 17 y'rs of age	5	1	2	4	5	11	19	13	1	21
No. new districts organiz'd	72	77	78	80	84	95	119	132	152	163
No. of School districts	1880-81	1881-82	1882-83	1883-84	1884-85	1885-86	1886-87	1887-88	1888-89	1889-90
School year										

The High school and Normal school afford opportunities of extensive educational work. The latter is magnificently equipped and affords all the means of turning out good teachers, having in connection with it a training school made up of several of the city schools which affords practical work to the scholars in pedagogy.

The High school is placed in a fine building and gives a good finishing course to graduates of the grammar schools.

City Schools.

The following interesting facts anent the city schools are taken from the report of the city board of education.

The payment of the teachers can be judged from the following statement of the number of teachers receiving different salaries:

One teacher at $165, 1 teacher at $150, 11 teachers at $135, 2 teachers at $130, 2 teachers at $125, 2 teachers at $120, 17 teachers at $115, 3 teachers at $105, 2 teachers at $100, 2 teachers at $95, 51 teachers at $90, 30 teachers at $85, 25 teachers at $80, 14 teachers at $75, 7 teachers at $70, 8 teachers at $50, all per school month for nine months.

The average yearly salary is $823.65, and the monthly salary $91.52.

The financial report of the clerk of the board shows the following satisfactory figures:

1889.	RECEIPTS.	
July 1.	Balance	$ 38,995 03
Sept. 3.	Apportionment, city	3,021 10
Oct 10.	Apportionment, city	5,603 64
Oct. 12.	Apportionment, state	18,480 00
Oct. 14.	Apportionment, city	6,821 82
Oct. 18.	Apportionment, city	4,872 73
Oct. 26.	Apportionment, city	6,090 91
Nov 6	Apportionment, city	14,618 18
Nov. 26.	Apportionment, city	14,618 18
1890.		
Jan. 29.	Apportionment, county	48,509 00
Mar. 25.	Apportionment, city	4,872 73
Mar. 29.	Apportionment, state	79,176 50
June 4.	Apportionment, county	5,764 00
	Miscellaneous	330 10
	Total	$251,773 92
	EXPENDITURES.	
	Teachers' salaries	$137,892 90
	Janitors' salaries	7,673 95
	Library	499 00
	Apparatus	266 19
	Sites (Casco and Temple streets)	2,400 00
	Buildings (extras on buildings erected out bond fund)	8,219 06
	Furniture for schools	522 10
	Furniture for board rooms	1,366 14
	Repairs (labor and materials)	7,136 98
	Water closets	1,297 69
	Retaining walls	1,259 15
	Grading	579 15
	Printing	870 37
	Supplies (stationery, etc	6,609 98
	Insurance	1,386 35
	Fuel	1,528 07
	Rents	1,500 00
	Census	670 00
	Tuition for 21 scholars in Fruitland district	210 00
	Contingents	1,259 30
	Total	$183,146 68
July 1, 1890,	balance	68,627 24
		$251,773 92

The following excerpts from the annual address of President W. E. Pomeroy, will serve to show the features of the development of the city schools:

"The past year has been one of marked advance in all departments of our school work. The generous voting by our citizens during the year of $200,000 of bonds for school purposes has given the board the means to provide large additional accommodations for our school children. We earnestly hope that the half-day school shall be a thing of the past. A large number of eligible sites have been purchased, and fourteen new and commodious schoolhouses have been built, or are in process of completion. During vacation additions will be made to four others, thereby doubling their accommodations. The marked improvements in plans and interior arrangements of the new school houses, and their good and substantial construction will commend itself to all. The new high school building now in course of construction is also a building that will be a credit to our beautiful city, and will compare most favorably with any in the state.

"It is expected that the new buildings and additions will accommodate 3500 children, and when the schools open October 6, 1890, it will be on full-day time. We hope to have ready for use 170 school rooms, with a corps of 170 teachers, and expect over 7000 children to be in attendance.

"The wonderful increase in value of our city school property can be appreciated when it is known that a fair valuation of its lands, buildings and furniture, including those ordered and provided for by funds on hand, will exceed the sum of $700,000. * * *

"The school attendance has been constantly increasing. The average enrollment this year over last is 480, and the average increase in regular attendance is almost in the same ratio. Our school census marshal reported 10,867 children between the ages of 5 and 17 years, and 4728 under 5 years of age."

From the superintendent's report the following is quoted:

"At the opening of the schools September 21, 1885, there were enrolled 3519 pupils, taught by 72 teachers. Of these teachers 32 are yet in the department.

"There were at that time seven double sessions, that is two schools taught by one teacher, showing that the department lacked seven school rooms and teachers in order to accommodate all children properly. The number of schools increased during these five years much more rapidly than accommodations could be supplied, so that during the last school year there were enrolled 6,953 pupils, taught by 160 teachers.

"More than half of these pupils could attend school but half of each day, because of a lack of accommodations. During the past year, however, there have been added to the department by the enlargement of old buildings and the erection of new ones, sixty-four school rooms, exclusive of the High school. These new buildings are all well located as to territory, and most of them as to their immediate surroundings. All the rooms are well lighted, heated, and ventilated; and are fitted with the best modern school furniture."

THE HIGH SCHOOL.

"The city has never had a distinctive high school building. The school has been but poorly accommodated in other school houses; sometimes in rented rooms, often on half-day time. The quality of instruction, though, has been kept up to the best, and graduates are now admitted to the state university freshman class without examination.

"Among the other improvements of the past year is the erection of a new brick high school building, four stories in height, with basement, containing about twenty-five rooms, including gymnasium, lunch rooms, library, laboratory, auditorium, etc.

"The building is well and centrally located, and will soon be completed and occupied.

"The thorough instruction and the prospect of these new and commodious quarters have increased the attendance of the high school to 360 pupils—a gain of almost 100 over any other enrollment.

"These improvements give rooms enough for all pupils to attend school on full day time; yet the population in some places has so shifted as to cause a few rooms to remain unoccupied in the suburbs, and a few schools in the center of the city to remain on half-day time.

The following table shows the statistics regarding children in the city during the past decade:

	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890
No. of white children between 5 and 17 years of age	3,579	4,085	4,275	5,070	5,544	5,990	7,394	10,380	10,591	10,005
No. of Negro, Indian and Chinese children between 5 and 17 years of age	41	79	55	58	40	60	73	332	195	262
Total number of children under 5 years of age	3,620	4,164	4,330	5,128	5,584	6,050	7,457	10,692	10,786	10,267
No. of children attended public schools during year	1,223	1,184	1,446	2,369	2,576	2,731	3,492	3,272	5,091	4,356
No. of children between 5 and 17 years of age who have attended private schools during year	2,098	1,819	2,495	2,976	3,417	3,877	4,874	5,100	7,101	7,266
No. of children between 5 and 17 years of age who have not attended sch. of during the year	938	1,616	1,307	1,504	1,405	1,416	1,649	4,573	2,156	2,165
No. pupils enrolled in the public schools	1,924	2,234	2,973	3,479	4,111	4,080	5,445	7,336	8,128	8,288
No. of teachers employed	39	33	43	71	69	57	116	125	151	160
Average number of pupils per teacher	49	63	69	69	69	71	67	67	67	67
Cost per capita on total enrollment	$ 14.39	$ 18.41	$ 16.06	$ 15.32	$ 16.63	$ 16.53	$ 15.77	$ 17.43	$ 18.41	$ 20.40
Cost per capita on average daily attendance	22.49	29.29	25.37	22.75	23.08	23.81	21.63	26.55	25.61	27.57
Cost per capita on average daily attendance	23.85	30.91	26.83	24.38	24.27	25.15	26.14	28.49	23.93	29.96

SCHEDULE OF SALARIES FOR 1890-91.

"Teachers of the second and third grades, $70 to $80 per school month.

"In all other grades, teachers of the third-class $80. Teachers of second-class $85. Teachers of the first-class $90 to $100. (Teachers are graded as to ability and success into three classes.)

Principals of four-room schools	$115
Principals of eight-room schools	135
Principals of High school	150
Teachers in High school	$115 to 135
Drawing teacher	165
Kindergarten teachers	$50 to 80
Janitors, per room, per month	5
Night school	50

"Length of school year, nine months, from October 1st to the last of June.

"All applicants for positions as teachers must appear in person.

"Written applications are not considered by the board until after personal application is made.

"Twenty-five to fifty teachers required annually to fill vacancies and supply new schools. The supply of strictly first-class teachers is not always equal to the demand.

"At the opening of the last school year, October, 1889, the school buildings used were as follows:

	School-rooms.
2 one-room buildings	2
3 two-room buildings	6
13 four-room buildings	52
3 eight-room buildings	24
1 twelve-room building	12
Rented buildings	7
Temporary buildings	6
State normal training school	3
22 Buildings	Total, 112

At the opening of the schools this year the buildings used will be as follows:

	No. Rooms
1 one-room building	1
5 two-room buildings	10
18 four-room buildings	72
8 eight-room buildings	64
1 twelve-room building	12
State normal training School	3
1 High School	16
34 Buildings	Total, 178

"[Gain in seating capacity over last year in grammar and primary departments, 2400.]

"One one-room building on Pearl street and one two-room building on East Seventh street, together with seven rented rooms and five temporary buildings of one room each, will be discarded, greatly to the health and comfort of the children.

POPULATION.

"A study of the population of the city is interesting. The United States census of 1880 gave the population of the city as 11,183; while the school census of the same year was 3202, showing that about 30 per cent. of the population was then of school age.

"The federal census of 1890 gives us 50,394 people, while those of school age are only 10,867, or about 20 per cent. This apparent falling off in school population is owing to the fact that many adult unmarried people and many married men who leave their families in the east reside here.

KINDERGARTENS.

"The city charter authorizes the board of education to establish kindergarten schools for children between the ages of five and six years. Last year three such schools were opened as an experiment. The results were satisfactory, and this year seven are in operation.

"There being no question about the value of such schools and the training there given to children, it is hoped that more of them will be provided as fast as the funds of the department will justify.

GENERAL STATISTICS.

Population of the city (U. S. census 1890)	50,394
Number of youth in the city, between 5 and 17 years, 1889	10,786
Number of youth in the city, between 5 and 17 years, 1890	10,867
Increase for the year	81
Total enrollment for the year ending June, 1889	8,128
Total enrollment for the year ending June, 1890, (including 135 in Kindergarten schools	8,423
Increase for the year	295
Per cent. of enrollment on census number, 1889	75.3
Per cent of enrollment on census number, 1890	77.5
Per cent. of attendance, 1890	94
Total number of tardy marks, 1889	8,508
Total number of tardy marks, 1890	6,655
Decrease for the year (with larger enrollment)	1,853
Total value of school property, 1890	$697,687
City tax levy for schools, 1889	.1340
City tax levy for schools, 1890	.1076
Decrease for the year	.0264

OTHER INSTITUTIONS OF LEARNING.

The University of Southern California lends its name to a beautiful suburb of the city, on its southwestern limits. This institution is conducted under the auspices of the Methodist church, and has made a wonderful growth. Its main colleges are located as above stated, but tributary colleges are placed at San Fernando, San Diego, Ontario and Del Mar. The parent corporation as well as the branches are well endowed.

Other schools of a high order are the Los Angeles college, a non sectarian but evangelical institution for young women; St. Vincents college, presided over by Roman Catholic instructors, but notably liberal in its policy; the Los Angeles university, a Baptist institution, and Harvard academy, a private school for young men, which makes a feature of military discipline.

CHURCHES.

Los Angeles is distinctively a city of churches; a general statement showing that about all denominations, creeds, and faiths are represented in societies and edifices, as follows: Protestant, Episcopal, Baptist, Methodist Episcopal, Presbyterian, Congregational, Roman Catholic, Christian, Unitarian, English Lutheran, German Lutheran, Swedish Lutheran, United Presbyterian, German Methodist, Southern Methodist, Holiness Band, Latter Day Saints, Swedish Methodists, Swedish Baptists, Seventh Day Adventists, Free Methodists, Hebrew and the Salvation Army.

CITY SCHOOL BUILDINGS.

District No.	NAME OF SCHOOL.	LOCATION.	PRINCIPALS AND TEACHERS IN CHARGE.	Size of Lot.	Value of lot.	Value of buildings.	Value of furniture, apparatus and library	Total value.	Date of erection of buildings.
1	Humboldt st	Humboldt and Cypress streets	Miss Mary Deacon	150x200	$ 1,000	$ 1,500	$ 200	$ 2,700	1884
2	Swain st	Swain street and North Griffin avenue	Miss Mary E. McGraw	178x199	3,000	3,000	200	6,200	1890
3	Chestnut st	Chestnut street near Pasadena ave	Miss Mary A. Henderson	300x165	4,500	6,500	1,000	12,000	1888
4	Hellman st	Hellman street near Downey ave	Miss Janet M. Henderson	¾ acre	6,500	12,000	2,000	20,500	1886
5	Prichard st	Prichard and Flora streets	Miss Millie M. Cox	200x150	1,000	3,000	200	4,200	1890
6	Gates st	Gates street near Hawkins street	Miss Ella M. Dixon	120x330	4,000	8,500	1,000	13,500	1890
7	Griffin ave	Griffin ave. near Darwin street	Miss Helen E. Hunt	110x330	4,500	4,000	1,000	9,500	1882
8	Castelar st	Castelar and College streets	Mrs. C. G. Du Bois	120x247	5,000	13,000	2,000	20,000	1882
	Yale st	Yale street near College street		120x165	4,000			4,000	
9	Sand st	Sand street near Castelar street	Miss Vesta A. Olmstead	153x219	8,000	15,000	2,000	25,000	1872
10	Alpine st	Alpine and Ocean View streets	Miss Cora S Slack	131x200	4,500	9,500	1,000	15,000	1890
11	Temple st	Temple street near Edgeware road	Miss Rose H. Hardenberg	155x199	7,500	8,000	1,000	16,500	1886
	Grafton st	Grafton street north of Temple street		120x120	50	3,000	200	3,700	1888
12	Casco st	Casco and Temple streets	Mrs. Grace P. Clarke	197x150	2,400	4,770	250	7,420	1890
	Alvarado st	Alvarado and West First streets		125x200	4,000			4,000	
13	Collado st	Collado street near West First street	Mr. J. B. Millard	180x140	4,900	9,500	1,000	15,400	1890
14	Beaudry st	Beaudry street near West Second street	Miss Dora H. Broadwell	180x165	5,500	9,500	1,000	16,000	1890
	Pearl st	Pearl street near West Fourth street		120x165	6,000	100	50	6,150	1882
15	Normal	Fifth street and G and ave	Miss Martha M. Knapp						
16	Spring st	Spring street near Sixth street	Miss Elizabeth J. Gibson	120x330	100,000	40,000	3,500	143,500	1884
17	Eighth st	Eighth street and Grand ave	Miss Margaret K. Scott	240x165	20,000	12,000	2,200	34,200	1877
18	Tenth st	Tenth street near Vernon street	Miss Lizzie B Moore	188x138	3,500	6,500	1,000	11,000	1888
19	Sixteenth st	Sixteenth street near Hill street	Miss Bertha E. Gordon	150x261	9,000	14,000	2,000	25,000	1890
20	Seventeenth st	Seventeenth and Georgia Bell streets	Mrs Ella J. Betts	1¼ acres	10,000	6,500	1,000	17,500	1888
21	Thirtieth st	Thirtieth street near Main street	Mr M C. Bettinger	143x 65	5,000	15,000	2,000	22,000	1888
22	San Pedro st	San Pedro street near Washington street	Miss Eliza P. Myrick	2 acres	5,000	6,200	1,000	12,200	1888
23	Staunton ave	Staunton ave. near East Washington street	Miss Mary S. Murphy	160x260	2,000	4,000	500	6,500	1890
24	Seventh st	East Seventh and Lemon streets	Miss Mary E. Foy	150x170	3,500	* 9,400	1,000	13,900	1884
25	Ninth st	East Ninth street and Stanford ave	Mrs. E. A. Hanchette	166x224	6,000	14,000	2,000	22,000	1890
26	Garey st	Garey street near East First street	Miss Louise A Williams	120x240	6,000	4,000	1,000	11,000	1876
27	Amelia st	Amelia street near Lazard street	Mr. C. L. Ennis	184x150	7,500	12,000	2,000	21,500	1886
28	Railroad st	Railroad street near Main street	Mrs. M. A. White	150x200	4,500	4,000	1,000	9,500	1884
	Ann st	Ann and Magdalena streets		100x200	4,300	8,567	1,000	13,867	1890
29	Macy st	Macy street and Brooklyn ave	Miss Addie C. Murray	1¼ acres	5,000	6,500	1,000	12,500	1888
30	Cornwell ave	Cornwell and Grant aves	Miss Kate McCarthy	162x252	3,000	8,000	750	11,750	1890
31	Breed st	Breed and New York streets		180x148	5,000	8,000	1,000	14,000	1886
32	First st	East First and Savannah streets	Miss Marie E. Murdock	185x143	3,000	3,500	500	7,000	1890
	Euclid st	Euclid and East Second streets		200x243	2,000			2,000	
33	High School	Castelar street near Sand street	Miss Eliz'th A. Packard	198x232	12,000	70,000	3,000	85,000	1890
	Totals				$293,100	$363,037	$ 41,550	$697,687	

* Includes $1000 as value of old school building now on the lot.

WAGES.

Compensation Paid for Various Kinds of Labor.

As a rule labor, skilled and unskilled, is well paid in Los Angeles. At present there is a great scarcity of good house servants, cooks and general housework girls. The following rates give a fair idea of wages paid:

Housekeepers, per month	$25 00 to 40 00
Girls, house servants, pr mnth.	15 00 to 30 00
Cooks, men and women, " "	20 00 to 100 00
Laborers, per day	1 50 to 2 50
Carpenters, " "	2 50 to 3 50
Brick mas ns, "	3 00 to 5 00
Plasterers, per day	3 00 to 4 50
Lathers, " " "	3 00 to 4 50
Painters, " " "	2 50 to 3 50
Harness makers, per day	3 00 to 4 00
Tinners and plumbers, per day.	3 00 to 4 50
Clerks, store, per week	8 00 to 25 00
Book-keepers, per month	50 00 to 125 00
Clerks, office, per month	35 00 to 100 00
Farm hands, per month and board	25 00 to 40 00
Bakers, per month and board	30 00 to 80 00
Butchers, per month and boa'd	30 00 to 80 00
Paper hangers, per day	3 00 to 4 00
Job printers, per week	20 00
News compositors, per M	50
Book compositors, per M	45
Evening compositors, per M	45
Book binders, per day	2 50 to 3 00

LUMBER.

The Prices Ruling for the Different Kinds.

The lumber supply of Los Angeles is obtained from the Redwood region and Oregon, and the quality is excellent. Prices rule about as follows:

Rough Oregon pine or redwood, $25 per m.; rough clear Oregon pine or redwood, $37.50 per M.; flooring, Oregon pine, $37.50 per M.; ditto second quality, $32.50 per M.; surfaced redwood and pine, $37.50 per M.; rustic, $37.50 per M.; siding, first quality, $37.50 per M.; ditto second quality, $32.50 per M. Pickets rough, $25; ditto, surfaced, $37.50. Laths, four feet, $5 per M.; six feet, $10; eight feet, $13. Shingles, four bundles to M., $3.

A five-room square house, timber, hard finished, will cost about $800. Same house built of common board, and cloth-lined, will cost $200 less.

The finest burned brick cost $6 per M.

THE SHERIFF.

He Did a Good Business During the Past Year.

The sheriff's books show that during the year his business was as follows:

	Gross Rece'ts.	Disb'rs-ments.	Paid to Treas.
December, 1889	$2,700	$ 820	$1,920
January, 1890	4,759	996	3,763
February	1,834	363	1,471
March	2,964	1,255	1,709
April	3,847	1,720	2,127
May	3,099	2,659	1,440
June	3,216	1,550	1,666
July	4,120	1,226	2,894
August	2,878	1,338	1,540
September	1,648	677	971
October	2,160	653	1,507
November	2,289	702	1,587

HOW IT PAYS.

The Results of Southern California Fruit Culture.

A Number of Well-Authenticated Statements from Fruit-Growers in Different Parts of the County.

There have been an endless number of statements published relative to the profits of fruit culture in Southern California. The Los Angeles chamber of commerce has in a "bulletin," published November 1, 1890, given a number of authentic statements of profits from various branches of fruit culture, which can be relied upon. The "bulletin" very properly states that attention should be called to the fact that a large amount of the land mentioned produces two different crops a year, and some of it three. The statements are as follows:

PEACHES.

Ernest Dewey, Pomona—Golden cling peaches, 10 acres, 7 years old, produced 47 tons green; sold dried for $4800; cost of production, $243.70; net profit, $4556.30. Soil, sandy loam; not irrigated. Amount of rain, 28 inches, winter of 1889-90.

H. H. Rose, Santa Anita Township, three-quarters of a mile from Lamanda Park—2 6-7 acres; produced 47,543 pounds; sold for $863.46; cost of production, $104; net profit, $759.46. Soil, light sandy loam; not irrigated. Produced in 1889 12,000 pounds, which sold at $1.70 per 100 pounds.

E. R. Thompson, Azusa, two miles south of depot—2 1-6 acres, 233 trees, produced 57,655 pounds; sold for $864.82½; cost of production, $140; net profit, $724.82½. Soil, sandy loam; irrigated three times in summer, 1 inch to 7 acres. Trees 7 years old, not more than two-thirds grown.

P. O'Connor, Downey—20 trees, produced 4000 pounds; sold for $60; cost of production, $5; net profit, $55. Soil, sandy loam; not irrigated. Crop sold on the ground.

H. Hood, Downey City, ¼ mile from depot—¼ acre produced 7½ tons; sold for $150; cost of production, $10; net profit, $140. Damp sandy soil; not irrigated.

F. D. Smith, between Azusa and Glendora, 1¼ miles from depot—1 acre produced 14,361 pounds; sold for $252.81; cost of production, $20; net profit, $232.51. Dark sandy loam; irrigated once. Trees 5 and 6 years old.

P. O. Johnson, Ranchito—17 trees 10 years old, produced 4¾ tons; sold 4¼ tons for $120; cost of production, $10; net profit, $110; very little irrigation. Sales were ½c per pound under market rate.

PRUNES.

E. P. Naylor, 3 miles from Pomona—15 acres, produced 149 tons; sold for $7450; cost of production, $527; net profit, $6923. Soil, loam, with some sand; irrigated, 1 inch per 10 acres.

W. H. Baker, Downey, ½ mile from depot—1½ acres, produced 12,529 pounds; sold for $551.90; cost of production, $50; net profit, $501.90. Soil, sandy loam; not irrigated.

Howe Bros., 2 miles from Lordsburg—800 trees, which had received no care for 2 years, produced 28 tons; sold for $1400; cost of production, $200; net profit, $1200. Soil, gravelly loam, red; partially irrigated. Messrs. Howe state that they came in possession of this place in March, 1890. The weeds were as high as the trees and the ground was very hard. Only about 500 of the trees had a fair crop on them.

W. A. Spaulding, Azusa—⅓ acre produced 10,404 pounds; sold for $156.06; cost of production, $10; net profit, $146.06. Soil, sandy loam.

E. A. Hubbard, Pomona, 1½ mile from depot—4½ acres, produced 24 tons; sold green for $1080; cost of production, $280; net profit, $800. Soil, dark sandy loam; irrigated. This eneire ranch of 9 acres was bought in 1884 for $1575.

F. M. Smith, 1¼ miles east of Azusa—3-5 of an acre, produced 17,174 pounds; sold for $315.84; cost of production, $25; net profit, $290. Soil, deep dark sandy loam; irrigated once in the spring. Trees 5 years old.

George Rhorer, one-half mile east of North Pomona—13 acres, produced 88 tons; sold for $4400 on the trees; cost of production, $260; net profit, $4140. Soil, gravelly loam; irrigated, 1 inch to 8 acres. Trees planted five years ago last spring.

J. S. Flory, between the big and little Tejunga rivers—1⅓ acres, or 135 trees 20 feet apart each way; 100 of the trees four years old, the balance of the trees five years old; produced 5230 pounds dried; sold for $523; cost of production, $18; net profit, $505. Soil, light loam, with some sand; not irrigated.

W. Caruthers, 2 miles north of Downey—¾ acres, produced 5 tons; sold for $222; cost of production, $7.50; net profit, $215. Soil, sandy loam; not irrigated. Trees 4 years old.

James Loney, Pomona—2 acres; product sold for $1150; cost of production, $50; net profit, $1100. Soil, sandy loam.

I. W. Lord, Eswena—5 acres, produced 40 tons; sold for $2000; cost of production, $300; net profit, $1700. Soil, sandy loam.

ORANGES.

Joachim F. Jarchow, San Gabriel—2½ acres; product sold for $1650; cost of production, $100, including cultivation of 7½ acres not in bearing; net profit, $1550.

F. D. Smith, Azusa—6½ acres, produced 600 boxes, sold for $1200; cost of production, $130; net profit, $1070. Soil, dark sandy loam; irrigated three times. Trees 4 years old.

George Lightfoot, South Pasadena—5½ acres, produced 700 boxes; sold for $1100; cost of production, $50; net profit, $1050. Soil, rich sandy loam; irrigated once a year.

H. Hood, Downey—½ acre, produced 275 boxes; sold for $275; cost of production, $25; net profit, $250. Soil, damp, sandy; not irrigated.

W. G. Earle, Azusa—1 acre, produced 210 boxes; sold for $262; cost of production, $15; net profit, $247. Soil, sandy loam; irrigated four times.

GRAPES.

William Bernhard, Monte Vista—Ten acres, produced 25 tons; sold for $750; cost of production, $70; net profit, $680. Soil, heavy loam; not irrigated. Vines five years old.

Dillon, Kennealy & McClure, Burbank, one mile from Roscoe station—200 acres, produced 90,000 gallons wine; cost of production, $5000; net profit, about $30,000. Soil, sandy loam; not irrigated; vineyard in healthy condition.

P. O'Connor, two and one-half miles south of Downey—12 acres, produced 100 tons; sold for $1500; cost of production, $360; net profit, $1140. Soil, sandy loam; not irrigated. Vines planted in 1884, when the land would not sell for $100 per acre.

J. K. Banks, one and three-quarters miles from Downey—40 acres, produced 250 tons; sold for $3900; cost of production, $1300; net profit, $2600. Soil, sandy loam.

BERRIES.

W. Y. Earle, 2½ miles from Azusa—Strawberries, 2½ acres, produced 15,000 boxes; sold for $750; cost of production, $225; net profit, $525. Soil, sandy loam; irrigated. Shipped 3000 boxes to Ogden, Utah, and 6000 boxes to Albuquerque and El Paso.

Benj. Norris, Pomona—Blackberries, ¼ acre, produced 2500 pounds; sold for $100; cost of production, $5; net profit, $95. Soil, light sandy; irrigated.

S. H. Eye, Covina—Raspberries, 5-9 of an acre, produced 1800 pounds; sold for $195; cost of production, $85; net profit, $110. Soil, sandy loam; irrigated.

J. O. Houser, Covina—Blackberries, ¼ acre, produced 648 pounds; sold for $71.28; cost of production, $18; net profit, $53.28. Soil, sandy loam; irrigated. First year's crop.

APRICOTS.

T. D. Leslie, one mile from Pomona—1 acre, produced 10 tons; sold for $250; cost of production, $60; net profit, $190. Soil, loose gravelly; irrigated; 1 inch to 10 acres. First crop.

Geo. Lightfoot, South Pasadena—2 acres, produced 11 tons; sold for $260; cost of production, $20; net profit, $240. Soil, sandy loam; not irrigated.

T. D. Smith, Azusa—1 acre, produced 13,555 pounds; sold for $169.44; cost of production, $25; net profit, $144.44. Soil, sandy loam; irrigated once. Trees 5 years old.

W. Y. Earle, 2½ miles from Azusa—6 acres, produced 6 tons; sold for $350; cost of production, $25; net profit, $325. Soil, sandy loam; not irrigated. Trees 3 years old.

W. A. Spalding, Azusa—335 trees, produced 15,478 pounds; sold for $647.43; cost of production, $50; net profit, $597.43. Soil, sandy loam.

Mrs. Winkler, Pomona—90 trees; product sold for $381; cost of production, $28.40; net profit, $352.60. Soil, sandy loam.

MISCELLANEOUS FRUITS.

E. A. Bonine, Lamanda Park—Apricots, nectarines, prunes, peaches and lemons, 30 acres, produced 160 tons; sold for $8000; cost of production, $1500; net profit, $6500. No irrigation.

J. P. Fleming, one and one-half miles from Rivera, Walnuts, 40 acres, produced 12½ tons; sold for $2120; cost of production, $120; net profit, $2000. Soil, sandy loam; not irrigated.

George Lightfoot, South Pasadena—Lemons, 2 acres; produced 500 boxes; sold for $720; cost of production, $20; net profit, $700. Soil, rich sandy loam; not irrigated; trees 10 years old.

W. A. Spalding, Azusa—Nect