
ANNUAL REPORT
OF THE
SURVEYOR-GENERAL
FOR 1857.

[JOHN O'MEARA, STATE PRINTER.]

SURVEYOR GENERAL'S OFFICE,
Sacramento, January 7th, 1858.

To His Excellency,
J. NEELY JOHNSON,
Governor of California:

In accordance with the requirements of the "act concerning the office of Surveyor General," I have the honor to submit the following annual report of this office for the past year.

The delay in its transmission has arisen from causes beyond my control; principally from the want of sufficient assistance in getting up the work of the office, and from the neglect of county assessors and surveyors to report properly.

The statistical information has been already furnished for your annual message, and the principal topics herein referred to have been reported for your notice.

Respectfully,
JOHN A. BREWSTER,
Surveyor General.

REPORT.

ANNUAL REPORT.

STATE LANDS.

In the annual reports from this office, heretofore made, attention was called by my predecessor and myself to the importance of proper legislation upon the landed interest of the state.

Thus far our efforts have proved of little avail, but it is hoped and believed that it will now receive proper notice and care.

Few unacquainted with the subject are really aware of the value, character, and present condition of this property.

The total area of the state of California has been carefully estimated: 99,463,680 acres, of which one-eighteenth, or the sixteenth and thirty-sixth sections, have been granted by the United States to the state for school purposes.

	Acres.
This gives for school 1-18.....	5,525,760
Add for university lands.....	46,080
Add for internal improvements transferred to School Fund.....	<u>500,000</u>
Making, for school purposes alone, a total of.....	6,071,840
Add for public buildings.....	6,400
Add for swamp lands.....	<u>5,000,000</u>
A total of.....	11,078,240

Is shown, of lands donated to the state of California by the general government, of which a large body is exceedingly valuable.

This magnificent domain is well worthy of the utmost care, and yet much of it has already been lost to the state, its rightful proprietor, and much is being daily lost for want of suitable legislative action for its preservation.

The settler is far ahead of the state in every section, and lands which should properly be sold by the state for the benefit of her treasury, are constantly being purchased from the United States.

The principal cause of these difficulties and losses is to be found in the want of a central office in which could be collected all the information necessary to an establishment of the state's rights, and in which should be placed the authority to survey, select, register, and patent all lands sold by the authority of the state. At present the county surveyors are the only persons authorized to make surveys of state lands, and they are necessarily compelled to act independently of each other or of any regular system. It is true, instructions of the Surveyor General's office require the work to conform to the system of the United States public land surveys, yet the numerous

instances in which the United States lines have not been extended over the lands claimed by the state prevent that accuracy, in separate surveys, which can only be obtained by continuous and connected work in the field.

To explain more fully the present position of this interest and these difficulties, I refer to the result of the work of this office during the past year.

SCHOOL LANDS.

In nineteen counties, forty-two locations have been made under eighty-two school land warrants, comprising 16,160 acres.

Of these, sixteen warrants are re-located, comprising 3,200 acres; three warrants for six hundred and forty acres being re-located to conform to United States government lines, the other thirteen warrants, for 2,560 acres, having their former locations abandoned. Nine warrants, for 2,080 acres are reported informal.

These locations in the several counties are particularly reported and described in the following

STATEMENT:

BUTTE COUNTY.

Nos. 419 and 792, for 160 acres each, located on lands unsurveyed by the United States, including a part of Yankee Hill, taking 320 acres.

COLUSA COUNTY.

Nos. 105 and 485, for 160 acres each, located on S. half of N. E. quarter, N. half of S. E. quarter, and S. E. quarter of N. W. quarter section 19, and W. half of S. W. quarter, and S. E. quarter of S. W. quarter of section 20, township 22 N., range 2 W., of Mount Diablo meridian, taking 320 acres.

No. 115, for 320 acres, located on N. W. quarter, N. W. quarter of N. E. quarter, N. W. quarter of S. W. quarter of section 28, and S. E. quarter of N. E. quarter, and N. E. quarter of S. E. quarter of section 29, township 14 N., range 5 W., of Mount Diablo meridian, taking 320 acres.

CONTRA COSTA COUNTY.

Nos. 88 and 89, for 160 acres each, located on N. W. quarter of section 23, and S. W. quarter of section 12, township 1 S., range 1 W., of Mount Diablo meridian, taking 320 acres.

FRESNO COUNTY.

Nos. 727, 728, 732, and 738, for 160 acres each, located on N. W. quarter, N. E. quarter, S. W. quarter, and S. E. quarter of section 4, township 18 S., range 12 E., of Mount Diablo meridian, taking 640 acres.

Nos. 324, 826, and 827, the first for 320 acres, and the latter for 160 acres each, located on west half of section 33, and on N. E. quarter and S. E. quarter of section 32, township 17 S., range 12 E., of Mount Diablo meridian, taking 640 acres.

Nos. 729 and 730, for 160 acres each, located on N. W. quarter and S. W. quarter of section 3, township 18 S., range 12 E., of Mount Diablo meridian, taking 320 acres.

KLAMATH COUNTY.

Nos. 568 and 679, for 160 acres each, fractional section 28, (all excepting that part covered by survey of Crescent City,) township 16 N., range 1 W., of Humboldt meridian, taking 295 14-100 acres. Re-located, to conform to United States lines.

Nos. 570 and 569, for 160 acres each, located on N. W. quarter, E. half of S. W. quarter, and W. half of S. E. quarter of section 11, township 17 N., range 1 W., of Humboldt meridian, taking 320 acres. Re-located.

LOS ANGELES COUNTY.

No 172, for 320 acres, located on N. W. quarter of N. W. quarter of section 10, and N. E. quarter, S. E. quarter of N. W. quarter, and N. half of S. W. quarter of section 9, township 2 S., range 13 W., of San Bernardino meridian, taking 320 acres.

No. 327, for 320 acres, and No. 156, for 160 acres, located on E. half, E. half of N. W. quarter, and E. half of S. W. quarter of section 21, township 2 S., range 13 W., of San Bernardino meridian, taking 480 acres.

Nos. 290 and 291, for 160 acres each, located on S. W. quarter and S. E. quarter of section 17, township 2 S., range 13 W., of San Bernardino meridian, taking 320 acres.

Nos. 153, 165, and 786, for 160 acres each, located on S. E. quarter of section 17, N. E. quarter of S. E. quarter of section 20, and fraction of S. W. quarter of section 21, township 1 S., range 14 W., of San Bernardino meridian, taking 480 acres.

MONTEREY COUNTY.

No. 201, for 320 acres, (one mile E. and W. and half a mile N. and S., on both sides of Carmel River, near its mouth.)

No. 200, for 320 acres, (one mile E. and W. and half a mile N. and S., on south side of Carmel River, near its mouth and Carmel Bay, Monterey county.)

NAPA COUNTY.

Nos. 322 and 323, for 320 acres each, located on fraction of S. E. quarter, fraction of N. half of S. W. quarter, fraction of S. E. quarter of S. W. quarter, S. half of N. W. quarter, S. W. quarter of N. E. quarter of section 7, fraction of S. W. quarter of S. W. quarter of section 8, fraction of W. half of N. W. quarter of section 17, fraction of N. half of N. E. quarter, fraction of S. E. quarter of N. E. quarter of section 18, township 13 N., range 7 W., Mount Diablo meridian taking 630 acres.

Alkali lake included in the above subdivisions, of 226 acres.

Nos. 780, 816, and 820, for 160 acres each, located on S. W. quarter fraction of N. W. quarter, and N. W. quarter of S. E. quarter of section 5, and N. E. quarter of S. E. quarter fraction of S. E. quarter of S. E. quarter fraction of S. W. quarter of S. E. quarter fraction of S. E. quarter of S. W. quarter, and fraction of N. E. quarter of section 6, township 13 N., range 7 W., of Mount Diablo meridian, taking 473 50-100 acres.

Nos. 819 and 821, for 160 acres each, located on S. E. quarter fraction of S. E. quarter and S. W. quarter of N. E. quarter of section 5, and fraction of S. W. quarter of section 4, township 13 N., range 8 W., of Mount Diablo meridian, taking 320 acres.

NEVADA COUNTY.

Nos. 434 and 550, for 160 acres each, located one mile E. and W. and half a mile N. and S., on both sides of Humbug Cañon and Malakoff Ravine, as shown by returns, taking 320 acres.

SACRAMENTO COUNTY.

No. 114, for 320 acres, located on W. half of section 32, township 8 N., range 6 E., of Mount Diablo meridian, taking 320 acres.

Nos. 501, 502, and 504, for 160 acres each, located upon lands not subdivided by the United States Public Land Surveyors, and adjoining the school lands, (locations of O. Harvey and d. K. Newell,) according to surveys returned, taking 480 acres. (These are re-locations from abandoned locations on swamp lands).

SAN DIEGO COUNTY.

No. 67, for 320 acres, located on S. E. quarter of section 23 and N. E. quarter of section 26, township 11 S., range 4 W., of San Bernardino meridian, taking 320 acres.

SAN JOAQUIN COUNTY.

Nos. 65 and 66, for 160 acres each, located on W. half of section 25, township 3 N., range 7 E., of Mount Diablo meridian, taking 320 acres. (Re-location.)

Nos. 301 and 302, for 160 acres each, located on E. half of section 25, township 3 N., range 7 E., of Mount Diablo Meridian, taking 320 acres.

SANTA CLARA COUNTY.

No. 78, for 320 acres, located on fraction of section 26, fraction of N. E. quarter of section 34, and fraction N. half of section 35, township 6 S., range 3 W., of Mount Diablo meridian, taking 319 54-100 acres.

No. 65 for 320 acres, and Nos. 26, 292, 394, and 395, for 160 acres each, located on S. half of S. E. quarter of section 29, W. half of N. E. quarter, N. W. quarter of N. E. quarter of S. E. quarter, and lots Nos. 1 and 2, section 32, lot No. 1 of section 31, S. W. quarter and S. half of N. W. quarter of section 29, S. E. quarter of N. E. quarter, and N. E. quarter of S. E. quarter of section 30, N. half of S. E. quarter, and S. half of N. E. quarter of section 29, township 6 S., range 2 W., of Mount Diablo meridian, taking 944 56-100 acres. (Nos. 394 and 395 are re-located.)

Nos. 741, 791, 822, and 823, for 160 acres each, located on N. half of N. W. quarter, N. W. quarter of N. E. quarter of section 29, N. E. quarter of N. E. quarter of section 30, fraction part of section 21, lot No. 4 in section 20, N. W. quarter of N. W. quarter of section 28, N. E. quarter of N. E. quarter of section 29, lots Nos. 3, 4, and 5, section 19, S. W. quarter of S. E. quarter, S. quarter of N. E. quarter, and N. half of S. E. quarter of section 19, township 6 S., range 2 W., of Mount Diablo meridian, taking 625 28-100 acres.

No. 78, for 160 acres, located on S. E. quarter of S. E. quarter of section 19, township 6 S., range 2 W., of Mount Diablo meridian, taking 158 23-100 acres. (Relocated.)

No. 125, for 320 acres, located on S. W. quarter of section 34, township 6 S., range 2 W., and N. W. quarter of section 3, township 7 S., range 2 W., of Mount Diablo meridian, taking 320 acres.

Nos. 553 and 554, for 160 acres each, located on N. E. quarter, N. half of S. E. quarter, N. E. quarter of S. W. quarter, and S. E. quarter of N. W. quarter of section 25, township 6 S., range 1 E., of Mount Diablo meridian, taking 320 acres.

SANTA CRUZ COUNTY.

No. 48, for 320 acres, located on N. E. quarter of N. W. quarter, N. W. quarter of N. E. quarter of section 31, E. half of S. W. quarter, W. half of S. E. quarter, S. E. quarter of N. W. quarter, and S. W. quarter of N. E. quarter of section 28, township 10 S., range 1 W., of Mount Diablo meridian, taking 320 acres.

SISKIYOU COUNTY.

Nos. 30 and 31, for 160 acres each, located on the W. half of section 22, township 43 N., range 9 W., of Mount Diablo meridian, taking 320 acres.

Nos. 80 and 29, for 160 acres each, located on E. half of N. E. quarter, and E. half of S. E. quarter, of section 26, and W. half of N. W. quarter, and W. half of S. W. quarter, of section 25, township 43 N., range 9 W., of Mount Diablo meridian, taking 320 acres.

No. 219, for 320 acres, located on S. half of N. E. quarter, N. half of S. E. quarter, N. quarter of S. W. quarter, and S. E. quarter of N. W. quarter of section 23, and N. W. quarter of S. W. quarter, and S. W. quarter of N. W. quarter, of section 24, township 42 N., range 9 W., of Mount Diablo meridian, taking 320 acres.

No. 81, for 160 acres, located on E. half of S. E. quarter of section 23, and W. half of S. W. quarter of section 24, township 43 N., range 9 W., of Mount Diablo meridian, taking 160 acres.

SONOMA COUNTY.

Nos. 674 and 676, for 160 acres each.

No. 163, for 320 acres, located on the S. E. quarter of S. W. quarter of section 11, S. W. quarter of S. W. quarter, S. E. quarter S. W. quarter, S. W. quarter of S. E. quarter, and S. E. quarter of S. E. quarter of section 12, and W. half of N. E. quarter, N.

W. quarter of S. E. quarter, and N. W. quarter and S. W. quarter of section 13, township 6 N., range 10 W., of Mount Diablo meridian, taking 640 acres.

No. 68, for 320 acres, located on S. E. quarter of section 15, and N. E. quarter of section 22, township 6 N., range 9 W., of Mount Diablo meridian, taking 320 acres.

Nos. 138, 139, 140 and 141, for 160 acres each, located on the S. E. quarter of section 31, S. W. quarter of section 32, township 8 N., range 7 W., of Mount Diablo meridian, N. W. quarter of section 5, and N. E. quarter of section 6, township 7 N., range 7 W., Mount Diablo meridian, taking in all 640 acres.

TEHAMA COUNTY.

Nos. 368 and 391, for 160 acres each, located on S. E. quarter and S. W. quarter of section 33, township 25 N., range 1 W., of Mount Diablo meridian, taking 320 acres.

Nos. 27 and 790, for 160 acres each, located on W. half of N. E. quarter, and E. half N. W. quarter, of section 5, and E. half of S. W. quarter, and W. half of S. E. quarter, of section 5, township 24 N., range 1 W., of Mount Diablo meridian, taking 320 acres.

No. 158, for 320 acres, located on E. half of S. E. quarter of section 19, the S.W. fractional quarter of section 20, N. half of N. W. quarter of section 29, township 27 N., range 3 W., of Mount Diablo meridian, taking 291 16-100 acres (re-located, to conform to U. S. government lines.)

TUOLUMNE COUNTY.

No. 156, for 320 acres, re-located from Santa Clara county, upon lands unsurveyed by U. S., and described in the field notes and plat on file.

These are the locations returned to this office. How many of these have been located before, or in how many different places, it is impossible for the Surveyor General, or the state, to know, as the law prescribes no certain and definite mode of location and float. Besides, the law now permits the holder of the warrant, at his option, to locate under the survey and certificate of the county surveyor, as reported to this office, or to locate directly in the office of the register of the U. S. land district in which the lands may lie. No information is received by the state of such locations, yet the selections thus made far exceed in number those made under state laws and reported to this office. This conflict of jurisdiction between the U. S. and state authorities, is occasioning much embarrassment, and the evil is daily increasing, as no means are provided by law for informing the general government of the selections made by the state authorities. Of the 500,000 acres for which these warrants are issued, there were sold last year, 3,520 acres, which with those previously sold make a total of

324 warrants, for 320 acres each.....	103,680
And 836 warrants, for 160 acres each.....	<u>133,760</u>
Being.....	237,440

Acres, at \$2 each, valued at \$474,880, leaving a balance of 262,560 acres of the value of \$525,120 yet unsold.

Of the warrants already issued, no reliable information can be given as to the number located, or the number held in the hands of scrip speculators, nor can there be any such information obtained until the Surveyor General is authorized to select the amount donated. I would recommend that the Surveyor General be at once authorized to select the lands remaining unsold, and register the same in his office for sale. This land might be selected in bodies of even 20,000 or 50,000 acres, in portions of the state where fertile, well-timbered and well-watered land can be found now unoccupied. Their value will daily increase, and to save them from occupancy and purchase under the U. S. pre-emption laws prompt action is *necessary*.

The same action is needed for the regulation of the mode of selecting the sixteenth and thirty-sixth sections in each township, or their equivalent.

The same system of pre-emption occupancy referred to above, is found here. The settler is fast taking up these valuable lands, and the state interest daily suffering loss. In my report last year, I recommended the placing of these lands, as a whole, under the supervision of the state Board of Education, and not to have them scattered about the state under the control of counties or townships. The same recommendations are hereby renewed.

During the past year, no selections were made in any county of these lands, either of the sixteenth and thirty-sixth sections themselves or of their equivalents. I presume this is owing to the fact that no appropriations were made for the purpose, and where no payment is made, either by the state or county authorities for the work, it is impossible for the county surveyors to perform their duties in this respect. Another cause is the lack of correct information as to the U. S. public surveys. The state Surveyor General was empowered to procure from the U. S. Surveyor General's office copies of the plats of such townships as he deemed necessary to guide him and the county surveyor in making selections.

More than four hundred plats were procured, copied in this office and distributed. The difficulty of obtaining payment has prevented the purchase of more, and the state authorities are thus deprived of the opportunity of procuring information of the last importance to her interests. To procure the required plats and notes, I recommend an appropriation of \$3,000.

SWAMP AND OVERFLOWED LANDS.

During the past year, there have been returned to this office, four hundred and eleven surveys of swamp and overflowed lands, within sixteen counties, and comprising 87,989.58 acres, which are more specifically reported in the following

STATEMENT.

NAMES OF COUNTIES.	NO. OF SURVEYS.	NO. OF ACRES.
Alameda.....	6	871.23

Contra Costa.....	28	8,704.85
Del Norte.....	18	2,400
Humboldt.....	7	602.60
Merced.....	1	22.21
Napa.....	7	1,052.88
Sacramento.....	17	3,640
San Francisco.....	1	120
San Joaquin.....	111	31,723.36
Siskiyou.....	13	2,945.50
Solano.....	28	6,330.06
Sonoma.....	6	1,499.25
Stanislaus.....	2	123.64
Sutter.....	20	3,640
Tulare.....	142	23,594
Yolo.....	4	720
Total.....	411	87,989.58

This amount would, in my opinion, have been much greater, had the rule of determination been insisted upon by the state, as to the character of lands within or without the purview of the act of donation from the U. States.

In my former report, I had occasion to refer to the difference of opinion arising on this subject between the officers of the general and state governments. I again earnestly call the attention of the Legislature to the importance of this subject.

From the reports of the county surveyors and other citizens interested in, and acquainted with the peculiar character of these lands, I have no hesitation in stating that not less than 2,000,000 acres of valuable lands of this kind truly belonging to the state of California, are at this hour claimed by the U. States authorities here, and are being held for pre-emption and sale under U. S. public land surveys. In Fresno county alone, the surveyor reports 900,000 acres of fertile and available lands, which are to all intents, and in the true meaning of the law and the instructing of the general land office, the property of the state, as swamp and overflowed, and which are now claimed, and in part offered for sale by the U. States.

In other portions of the state, the same statements are made, and I call the attention of the Legislature to the reports on this subject in the appendix.

The cause is readily understood. The U. S. deputy surveyor, whose work is done by contract, seeing the land only during the day in which he is engaged upon the survey, reports as much of it dry land as he can find over which to stretch his chain. This may be, and often is done during the driest part of the year. His report, unsupported by any testimony, any certificate, nay affidavit, is considered the last proof of the character of the soil. Yet two months after his survey, it may be, a boat would be necessary to pass over his lines.

On the other hand, claims laid by the state to this land are required to be supported by the testimony, under oath, of men of the neighborhood who have well known the property for a length of time, and from whose sworn statements the character of the land, "taking the average season for a reasonable number of years as a rule of

determination," is understood as falling within or without the purview of the swamp land act.

After reclamation, these lands are found to be the most prolific in the state. Many citizens are ready and desirous to locate and improve them, if they can be assured of a title and protection. Day after day is the state interest suffering deep injury from the want of legislative action; and from the reasons here given, and from those adduced in my last year's report, to which I would call attention, I would respectfully ask that notice which the importance of the subject really deserves.

Of another point in this matter I desire to speak. The present system of obtaining a title from the state is tedious, troublesome, and expensive.

The purchaser, after his preliminary affidavit, obtains a costly survey of the tract desired, pays the county treasurer the one dollar per acre, and has the receipt and survey return recorded in the county recorder's office.

The County Treasurer reports to the State Treasurer, the County Surveyor reports to the Surveyor General; these officers examine, and if correct, approve. The Secretary of State, on receiving the approval certificates of these officers, with the Governor, issues the patent.

This system is manifestly wrong, and entails great cost on the purchaser. It also prevents that systematic action so necessary in all matters pertaining to the perfection of land titles, by dividing duties among officers having no relative responsibility to each other. Especially is this the case as to surveyors. For example, where a difference of opinion arises as to the true line of a county through an unsurveyed and swampy district (as has been the case), the surveyors of either county may survey and report the same land to two individuals, each of whom may pay his money into the treasury, and each of whom may, as the law now stands, obtain a patent from the Governor for the same identical tract of land. This office has no power to refuse surveys on such grounds, nor has any other officer of the state such power of refusal.

I can point out but one remedy for these evils; one, which I respectfully submit, after much careful examination of the subject, is, in my opinion, the most certain and satisfactory.

The lands of the state, whether swamp and overflowed, donated for internal improvements, for school and university purposes, or for public buildings, should be at once segregated by the Surveyor General, either alone, or associated with the Board of Education, or with the U. S. Surveyor General. The lines of segregation should be run and marked where they have not been already so run by the United States authorities. All selections should be supported by the needed proofs to substantiate the state's claim, and registered in detail with the maps, field notes, and records, in the office of the Surveyor General of the state. Thus a state land office would be created, of which the Surveyor General would be the register, and the whole property of the state being thus at once secured, and each subdivision thereof being perfectly well known, sales could be effected at any time as they now are in the U. S. land office, and all conflict of title or claim avoided. Besides, the surveys thus being made, and the lands segregated and registered, the purchaser from the state would be relieved from a cost of from fifty to one hundred and fifty dollars, as is now the case, and his whole expense for a title need not exceed ten or fifteen dollars. The expense of this work would be paid out of the sale of the lands themselves, and instead of burdening either the state treasury or the citizen

purchaser, the latter would be relieved, and the increased sale of land would replenish the former.

Another benefit would be, to relieve a want now greatly felt. No means are afforded, no way is provided, by which the United States government may be informed of the selections made either by the state, or any state agent, of the donated lands as fast as the selections were made by the Surveyor General. His lists and plats could be forwarded to the Secretary of the Interior, and the lands then certified over to the state.

I have taken the responsibility to transmit to the Secretary of the Interior a list of the selections thus far made by the state, of lands donated to her, according to the returns on file in my office. This has been done, in order to attempt something towards saving for the state the noble property to which she is entitled. Although such a step is not required by law, I hope its good effects will be seen in the prevention of the occupancy and sale of the same lands to the benefit of the treasury of the United States, and to the inquiry of that of California.

I would respectfully recommend the abolition of all restrictions of the sale of swamp and overflowed lands within certain limits; or if these reserved lands be shown of superior value, that they be placed at a higher price than the ordinary class. This restriction is operating injuriously to a large body of settlers, who have improved and reclaimed these very lands, yet who are unable to obtain a title. Some of these lands are valued at \$20, and even \$40 per acre; and if a title were given, they would materially increase the amount of taxable property. The amount of acres permitted to be purchased might be increased with benefit to the interest of the state, affording, as such increase would, inducements to the purchase and redemption of large tracts, now in many places almost impossible, from the difficulty of a combination of capital and labor among the proprietors of small tracts.

Upon the questions of reclamation and improvement, I would refer to the last annual report of this office, which I endeavored to treat of them in detail, and respectfully urge again the views then expressed.

COUNTY BOUNDARIES.

But one survey of a county line has been returned to this office – that of the boundary between the counties of Contra Costa and Alameda, under the requisition of the board of supervisors of Contra Costa county upon this office in October 5th, 1857. A commission was issued on October 7th, 1857, to Warren Brown, C. E., as Deputy Surveyor General, he having been recommended by the board of supervisors. The survey, being of that part of the said line “between San Francisco bay and Joel Harlan’s house in Amador valley,” has been made, and the field notes and plat are on file in this office.

This survey, ordered and paid for by the board of supervisors, is for the purpose of determining a difference between Alameda and Contra Costa counties as to the position of the western extremity of their boundary. A survey made under this office, last year, by Mr. H. A. Higley as my deputy, had determined the boundary location, and a change must be effected by legislative action only to set aside his survey as reported.

A survey of the lines of San Mateo county was called for, and Mr. Garbi, the county surveyor, was appointed for the work, but no report has been received and it is believed no action was ever taken under my instructions.

Many of the county boundaries need changing, of which mention is made in the reports of the several surveyors and assessors, to which I refer for more explicit information.

ROADS.

Of the immigrant roads over the Sierra Nevada it is needless to say more than to attract notice to the propriety of the state legislation to assist the action already being taken by counties and companies for their improvement. The people themselves have taken up the question, and a judicious revision of the act concerning highways is perhaps all that is needed at present. The act is notoriously inefficient for county purposes, as the needed improvement of the public thoroughfares cannot be obtained under its provisions. I would again recommend that the county surveyors be made road commissioners, having sole charge of road work, and be paid proper remuneration for their services. Tax-payers appreciate this kind of outlay of the money they pay into the public treasury better than any other, and are willing to meet it cheerfully. The system recommended by my predecessor, or some similar one, should at once be adopted.

EASTERN BOUNDARY.

The line of the eastern boundary of the state has never been authoritatively established, and many difficulties have arisen as to the proper jurisdiction of the counties bordering on it. Sheriffs and assessors are impeded in the exercise of their duties, and much confusion in the administration of law has resulted. A large taxable property is rapidly accumulating in the various valleys along the line, and its permanent location should at once be made. I would recommend that an appropriation of \$5,000 be made for this purpose, and that the Surveyor General be authorized to make the survey in connection with the United States Surveyor General, or other authorized agent.

STATE MAP.

The remarks on this subject, in my last annual report, are of the same force now as they were then. The need of a correct map is even greater now than then. The so-called official map of California, by Eddy, is still acknowledged. No other state has enjoyed equal advantages with California, for improvement in this respect, and in no other state would a correct knowledge of the topography of the country be of such public utility. We are far behind the rest of the Union in these matters, and I urgently request that so important a subject may meet the notice it deserves.

INTERNAL IMPROVEMENTS.

It is made the duty of the Surveyor General to suggest plans for land improvements, drainage, reclamation, etc., but no action has been yet taken to establish any system under the control of state officers. No suggestions can be yet made with any practical utility. In my former report, an exposition was given of a system of improvement upon reclamations of the swamp lands. The recommendations then made are renewed, and the propriety of one general established system insisted upon, instead of leaving so important a matter to the disconnected operations and differing plans of individuals or counties. Whenever legislation is had on this subject, the Surveyor General should be placed in control of the work, and the system adopted should be of uniform operation in the several districts.

STATISTICS.

As required by law, I issued a circular to county surveyors, and one to county assessors, calling upon them for the information required to be transmitted to this office concerning the statistics named in the law. I also issued a circular to the boards of supervisors, enclosing copies of the others, and asking the co-operation of the boards in obtaining the desired information; these will be found in the appendix.

Much difficulty has been experienced in procuring a compliance with the provisions of the law. Duplicate, triplicate, and even quadruplicate circulars were issued before answers could be obtained, in several cases. Difficulty also arose from the unsatisfactory character of many of the reports. In some cases, these reports show intelligence, ability, industry and public spirit; and reflect the highest credit upon their authors; while others are deficient, and lamentably so, in the necessary qualities for correctness and value. The requirements of the law for reports on agricultural statistics from surveyors should be stricken out. The surveyors are paid nothing for the time and labor bestowed, and these matters are, moreover, out of their province. The assessors, who are paid for their services, should be compelled, under penalty, to afford the desired statistics, and proof given that their reports had been transmitted to this office before their accounts should be audited.

There have been received at this office, this year, reports from: -

James T. Stratton, county surveyor of Alameda county.
James Masterson, ex-county surveyor of Amador county.
J. W. Scott, ex-county surveyor of Butte county.
Daniel Small, county surveyor of Contra Costa county.
D. C. Lewis, county surveyor of Del Norte county.
T. C. Shullo, county surveyor of Fresno county.
Wm. Henderson, ex-county surveyor of El Dorado county.
Alfred D. Easkoot, county surveyor of Marin county.
J. P. Davenport, ex-county surveyor of Monterey county.
Nathaniel L. Squibb, county surveyor of Napa county.
John L. Gamble, county surveyor of Nevada county.
James H. Whitlock, county surveyor of Plumas county.

Ebenezer Nidever, county surveyor of Santa Barbara county.
Charles T. Healy, county surveyor of Santa Clara county.
Wm. Magee, ex-county surveyor of Shasta county.
W. G. Strill, ex-county surveyor of Sierra county.
John Mellen, county surveyor of Siskiyou county.
Wm. Mock, county surveyor of Sonoma county.
Phil. E. Drescher, county surveyor of Sutter county.

These, nineteen in number, will be found in the appendix. Last year there were four more reports sent in, and the reports of last year, as a whole, contained more information of a valuable character than the present ones. In my belief the reason for this is to be found in the fact that surveyors receive no remuneration for such services, performed, as they now are, from professional pride, and from the fact that last year no publication was made of their reports, elaborated as they were with great care, and full of useful information.

Of the present reports, I might especially refer to those from the counties of Del Norte, El Dorado, Plumas, and Santa Clara, for the ability and care exhibited by their authors, and to call attention to the remarks on county boundaries from Del Norte, El Dorado, Monterey, Plumas, Santa Clara, Siskiyou and Sutter; on swamp lands, from Alameda, Contra Costa, Del Norte, Fresno, Marin, Napa, Plumas, Sonoma and Sutter; on school lands, from all the counties; on roads, from Alameda, Monterey, Santa Barbara and Shasta; on artesian wells, from Monterey and Santa Clara; on geology, from el Dorado and Santa Clara. I might refer to other topics, but trusting the whole report and appendix will be printed for public use, I leave to an examination of the reports themselves, the effect their valuable character should produce.

I would again ask, in the name of the county surveyors, a judicious system of fees which would allow a decent livelihood to competent men. The pittance afforded by the present tariff, can not insure such men's services. Also, that county surveyors be empowered to administer oaths, and take affidavits, when necessary for their official duties, and that offices be furnished them by their respective counties.

There have been received, for the year 1857, reports from –

C. C. Breyfogle, county assessor of Alameda county.
H. A. Eichelberger, county assessor of Amador county.
J. H. Lillard, county assessor of Butte county.
Geo. C. Tryon, county assessor of Calaveras county.
Isaac Ricketts, county assessor of Colusa county.
Obed F. Alley, county assessor of Contra Costa county.
Solon Hall, county assessor of Del Norte county.
John G. Simpson, county assessor of Fresno county.
H. W. Merrett, county assessor of El Dorado county.
Jacob DeHaven, county assessor of Humboldt county.
Klamath county.
Manuel F. Coronel, deputy county assessor of Los Angeles county.
Warren Dutton, county assessor of Marin county.
Nat. Herbert, county assessor of Mariposa county.

J. W. Robertson, county assessor of Merced county.
J. R. Porter, ex-county assessor of Monterey county.
A. S. Smith, ex-county assessor of Placer county.
J. J. L. Peel, county assessor of Plumas county.
J. Foot Turner, county assessor of Sacramento county.
James H. Rollins, county assessor of San Bernardino county.
Chas. R. Bond, county assessor of San Francisco county.
T. S. Strout, ex-county assessor of San Joaquin county.
C. E. Kelly, county assessor of San Mateo county.
Eugene Lies, county assessor of Santa Barbara county.
J. C. Bland, county assessor of Santa Clara county.
Thomas M. Davis, county assessor of Santa Cruz county.
R. R. Luce, county assessor of Shasta county.
A. J. McKinsey, county assessor of Sierra county.
J. W. Thomas, county assessor of Siskiyou county.
J. S. Jameson, county assessor of Solano county.
Wm. G. Lee, county assessor of Sonoma county.
Sam. N. Hoyt, county assessor of Stanislaus county.
Chas. E. Fisher, county assessor of Tehama county.
A. R. Earl, deputy county assessor of Trinity county.
Unsigned, Tulare county.
James P. Clough, county assessor of Tuolumne county.
John M. Drake, deputy county assessor of Yolo county.
F. M. Davenport, county assessor of Yuba county.

In all, thirty-eight counties, a larger number than ever before reported. Reports have been received from all the counties in the state, either through the surveyors or assessors, except from San Diego and San Luis Obispo. To assist the assessors, I issued a printed blank form of statistical returns, containing the items desired to be reported. This has proved of material benefit in insuring full reports of county statistics. The public utility and value of these reports is evident at a glance at them as shown in the appendix, and at the tables and statistical notes compiled therefrom, which follow.

Communications of value have been received from Mr. Downer on the swamp lands in the laws affecting this office in its communication with other state and county officers in the selection of statistical, geographical and geological information. To these attention is asked.

TAXABLE PROPERTY.

TABLE OF STATISTICS – COMPILED FROM THE OFFICIAL REPORTS OF THE COUNTY ASSESSORS, FOR THE YEAR 1857, RETURNED TO THE SURVEYOR GENERAL.

AGRICULTURAL PRODUCTS.

COUNTIES.	Acres of Land Inclosed.	Acres of Land Cultivated.	WHEAT.		BARLEY.		OATS.		RYE.		CORN.		BUCKWHEAT.	
			Acres.	Bushels.	Acres.	Bushels.	Acres.	Bushels.	Acres.	Bushels.	Acres.	Bushels.	Acres.	Bushels.
Alameda.....	-	52,538	14,000	252,000	29,350	1,174,000	3,475	156,345	135	6,750	175	7,000	85	5,750
Amador.....	50,509	7,509	1,245	31,125	2,342	58,550	410	8,200	-	-	140	5,600	-	-
Butte.....	22,218	12,965	3,496	53,868	4,000	61,017	395	4,334	13	350	80	1,772	5	-
Calaveras.....	27,095	15,400	1,348	-	6,676	-	1,266	-	16	-	390	-	-	-
Colusi.....	-	8,787	3,347	66,907	5,440	125,000	-	-	-	-	-	-	-	-
Contra Costa...	32,895	26,233	9,012	162,216	6,490	257,600	817	28,595	50	2,500	-	-	-	-
Del Norte.....	3,000	1,500	250	10,000	100	6,000	1,000	70,000	-	-	-	-	1	60
El Dorado.....	17,600	-	1,300	18,200	1,840	31,280	2,800	50,400	-	-	-	-	-	-
Fresno.....	1,800	1,176	70	2,800	825	33,000	20	1,400	-	-	50	2,000	-	-
Humboldt.....	12,000	3,846	1,134	34,000	496	19,840	1,125	56,250	-	-	15	-	50	-
Klamath.....	4,270	2,760	1,200	30,000	10	250	800	3,200	-	-	40	1,150	-	-
Los Angeles.....	17,287	13,633	2,410	25,096	4,384	42,660	50	500	-	-	2,728	272,800	-	-
Marin.....	12,560	7,135	657	19,710	1,908	75,780	2,681	97,240	-	-	-	-	-	-
Mariposa.....	-	2,000	146	1,625	298	4,000	50	1,000	-	-	25	625	-	-
Merced.....	-	12,000	1,500	15,000	8,000	90,000	400	6,000	-	-	200	9,000	-	-
Monterey.....	24,600	4,400	570	12,540	1,880	65,800	70	2,100	-	-	25	750	55	2,200
Napa.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Placer.....	-	-	-	63,000	-	82,850	-	-	-	-	-	-	-	-
Plumas.....	15,785	4,063	2,731	-	206	-	687	-	-	-	-	-	-	-
Sacramento.....	-	47,305	10,969	213,248	17,587	420,046	1,147	32,100	90	1,925	106	5,466	-	-
San Bernardino	-	-	-	18,500	-	24,000	-	500	8	100	5,000	10,000	-	-
San Diego.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-

San Francisco..	-	900	25	700	110	4,200	96	1,960	-	-	-	-	-	-
San Joaquin....	98,394	64,420	12,718	354,260	33,827	845,675	1,882	56,460	100	2,500	203	10,150	61	1,525
San Luis														
Obispo.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Mateo.....	-	10,160	2,166	75,810	2,897	115,680	1,979	79,160	214	8,560	17	-	13	260
Santa Barbara..	8,000	12,000	200	4,000	2,000	-	-	-	-	-	-	-	-	-
Santa Clara.....	-	-	16,000	200,000	6,500	125,000	1,500	50,000	30	500	150	1,500	50	1,000
Santa Cruz.....	100,000	51,414	3,052	76,310	5,344	160,320	912	27,720	50	1,250	150	4,500	327	13,080
Shasta.....	-	-	1,034	-	1,934	-	112	-	-	-	10	-	-	-
Sierra.....	-	549	-	-	-	-	-	-	-	-	-	-	-	-
Siskiyou.....	50,000	30,000	6,500	130,000	2,575	77,250	3,500	122,500	100	2,500	525	18,375	30	750
Solano.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sonoma.....	-	30,000	3,689	55,335	4,689	117,225	8,000	200,000	43	1,290	1,445	43,350	388	5,820
Stanislaus.....	-	9,798	787	7,038	3,298	45,078	80	1,600	38	542	120	4,380	-	-
Sutter.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tehama.....	27,300	-	7,210	144,200	9,140	228,500	120	3,600	80	3,200	250	7,500	-	-
Trinity.....	9,543	8,743	830 ¼	16,850	1,170 ¾	17,100	369 ½	18,975	-	-	47 ½	2,375	-	-
Tulare.....	4,000	2,000	500	10,000	400	12,000	-	-	-	-	50	1,500	-	-
Tuolumne.....	9,758	5,992	793	22,480	1,386	39,080	298	4,740	-	-	-	500	-	-
Yolo.....	48,996	38,996	13,149	-	24,442	-	253	-	-	-	110	-	-	-
Yuba.....	-	20,000	2,000	46,000	5,290	88,800	600	12,000	-	-	30	-	-	-

AGRICULTURAL PRODUCTS (cont.)

COUNTIES.	PEAS.		BEANS.		POTATOES.		SWEET POTATOES.		ONIONS.		HAY.		FLAX.	
	Acres.	Bushels.	Acres.	Bushels.	Acres.	Bushels.	Acres.	Bushels.	Acres.	Bushels.	Acres.	Tons.	Acres.	Pounds.
Alameda.....	150	-	2,300	-	2,775	138,750	-	-	60	-	-	-	10	-
Amador.....	15	-	27	-	40	6,000	10	-	25	-	2,302	2,302	-	-
Butte.....	21	430	18	255	88	11,500	8	1,600	8	4,000	3,147	3,143	-	-
Calaveras.....	-	-	140	-	1,190	-	-	-	-	-	1,453	-	-	-
Colusi.....	-	-	-	-	-	-	-	-	-	-	960	1,203	-	-
Contra Costa..	-	-	530	-	700	-	-	-	-	-	2,500	2,500	-	-
Del Norte.....	5	375	-	-	70	7,000	-	-	-	-	150	350	-	-
El Dorado.....	-	-	-	-	30	6,000	-	-	-	-	1,400	1,400	-	-
Frezno.....	-	-	1	100	10	2,000	-	-	2	400	400	400	-	-
Humboldt.....	304	15,200	50	-	278	-	-	-	9	-	350	500	-	-
Klamath.....	31	1,054	15	300	345	51,750	-	-	9	1,800	10	21	-	-
Los Angeles...	100	1,000	2,199	33,225	200	1,000	50	500	100	1,500	-	1,570	-	-
Marin.....	-	-	48	720	1,841	121,506	-	-	-	-	-	2,700	-	-
Mariposa.....	-	-	-	-	3	150	-	-	-	-	642	790	-	-
Merced.....	5	100	80	-	30	-	15	-	40	-	-	800	-	-
Monterey.....	20	-	580	10,400	900	126,000	-	-	5	300	-	-	-	-
Napa.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Placer.....	-	-	-	-	-	-	-	-	-	-	1,000	1,500	-	-
Plumas.....	-	-	-	-	254	-	-	-	-	-	-	-	-	-
Sacramento....	32	2,220	37	1,420	440	82,931	228	54,605	95	16,955	11,771	16,226	-	-
San Bernardino....	-	-	35	1,500	-	-	-	-	-	1,000	-	200	-	-
San Diego.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Francisco.	-	-	2	100	60	5,000	-	-	-	-	22	45	-	-
San Joaquin...	50	1,000	32	1,200	291	30,000	25	3,000	100	30,000	11,674	24,000	-	-
San Luis Obispo.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Mateo.....	42	1,260	306	7,650	1,283	179,620	-	-	75	11,250	-	1,000	-	-
Santa Barbara	-	-	500	-	400	4,000	-	-	-	-	-	800	-	-

Santa Clara.....	-	-	-	-	250	10,000	10	200	75	7,000	8,000	10,000	-	-
Santa Cruz.....	22	200	2,566	64,150	1,569	78,450	-	-	22	400	2,060	3,000	1	1,000
Shasta.....	5	-	-	-	34	-	-	-	14	-	-	-	-	-
Sierra.....	-	-	-	-	-	12,133	-	-	-	-	-	-	-	-
Siskiyou.....	125	3,750	175	5,250	650	97,500	-	-	250	15,000	-	-	-	-
Solano.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sonoma.....	905	27,150	331	4,965	3,615	300,045	-	-	20	-	-	-	-	-
Stanislaus.....	-	-	3	30	13	148	3	62	-	38	498	500	-	-
Sutter.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tehama.....	-	-	-	-	60	6,000	15	600	12	1,000	2,500	3,000	-	-
Trinity.....	15	300	7 ¾	280	458	91,760	-	-	39	7,800	732	698	-	-
Tulare.....	-	-	10	100	50	10,000	-	-	-	-	200	250	-	-
Tuolumne.....	42	899	44	951	176	24,354	-	-	48	1,761	2,468	2,178	-	-
Yolo.....	44	-	32	-	594	118,800	90	18,000	38	7,600	12,597	2,000	-	-
Yuba.....	-	-	-	-	150	-	-	-	-	-	-	2,461	-	-

AGRICULTURAL PRODUCTS (cont.)

COUNTIES.	HEMP.		TOBACCO.		COTTON.		RICE.		Acres of Broom Corn.	Pounds Butter.	Pounds Cheese.	Dozens of Eggs.	Pounds of Wool.
	Acres.	Pounds.	Acres.	Pounds.	Acres.	Pounds.	Acres.	Pounds.					
Alameda.....	-	-	1 ¾	-	-	-	-	-	25	180,750	232,300	-	448,600
Amador.....	-	-	-	-	-	-	-	-	30	3,500	3,00	5,000	6,000
Butte.....	-	-	-	-	-	-	-	-	-	27,210	3,770	11,000	11,500
Calaveras.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Colusi.....	-	-	-	-	-	-	-	-	-	17,270	900	9,952	26,000
Contra Costa..	-	-	-	-	-	-	-	-	32	150,000	-	113,785	-
Del Norte.....	-	-	-	-	-	-	-	-	-	-	-	-	-
El Dorado.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Fresno.....	-	-	-	-	-	-	-	-	-	2,000	-	100	-
Humboldt.....	-	-	-	-	-	-	-	-	-	74,500	4,000	18,000	-
Klamath.....	-	-	-	-	-	-	-	-	-	12,712	-	2,400	-
Los Angeles...	-	-	10	1,800	-	-	-	-	10	10,170	20,040	30,416	47,482
Marin.....	-	-	-	-	-	-	-	-	-	197,000	140,000	-	-
Mariposa.....	-	-	-	-	-	-	-	-	-	650	1,500	7,500	4,000
Merced.....	-	-	-	-	-	-	-	-	-	-	-	2,000	8,000
Monterey.....	-	-	-	-	-	-	-	-	-	1,450	68,400	10,000	30,000
Napa.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Placer.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Plumas.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Sacramento....	-	-	-	-	-	-	-	-	150	301,952	79,000	123,892	14,020
San Bernardino....	-	-	-	-	-	-	-	-	-	-	-	-	-
San Diego.....	-	-	-	-	-	-	-	-	-	-	-	-	-
San Francisco..	-	-	-	-	-	-	-	-	-	6,000	2,000	9,000	-
San Joaquin...	-	-	-	-	-	-	-	-	-	33,235	15,000	25,000	12,630
San Luis Obispo.....	-	-	-	-	-	-	-	-	-	-	-	-	-
San Mateo.....	-	-	2	-	-	-	-	-	-	12,144	7,236	22,080	675

Santa Barbara	-	-	-	-	-	-	-	-	-	-	-	80,000	24,000
Santa Clara.....	-	-	-	-	-	-	-	-	10	300,000	300,000	500,000	50,000
Santa Cruz.....	-	-	-	-	-	-	-	-	-	36,914	300	3,000	2,500
Shasta.....	-	-	-	-	-	-	-	-	2	-	-	-	-
Sierra.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Siskiyou.....	-	-	-	-	-	-	-	-	20	-	-	-	-
Solano.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Sonoma.....	-	-	-	-	-	-	-	-	-	500,000	50,000	-	40,000
Stanislaus.....	-	-	-	-	-	-	-	-	3	929	3,372	5,735	170
Sutter.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Tehama.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Trinity.....	-	-	¾	-	-	-	-	-	-	5,280	200	10,947	-
Tulare.....	-	-	-	-	-	-	-	-	-	10,000	500	300	5,000
Tuolumne.....	-	-	-	-	-	-	-	-	-	5,685	-	13,227	-
Yolo.....	-	-	-	-	-	-	-	-	171	40,460	135,900	40,166	113,000
Yuba.....	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE OF STATISTICS – COMPILED FROM THE OFFICIAL REPORTS OF COUNTY ASSESSORS, FOR THE YEAR 1857, RETURNED TO THE SURVEYOR GENERAL.

HORTICULTURAL PRODUCTS. – NUMBER OF TREES AND VINES.

COUNTIES.	Apple.	Peach.	Pear.	Plum.	Cherry.	Nectarine.	Quince.	Apricot.	Fig.	Aloe.	Citron.	Lemon.	Orange.	Olive.
Alameda.....	196,130	162,430	7,000	9,300	8,160	855	2,100	2,200	600	-	-	-	-	350
Amador.....	2,626	5,352	468	145	200	170	219	317	70	-	-	-	-	-
Butte.....	9,865	66,765	2,341	676	809	216	10,170	737	1,102	-	-	-	6	-
Calaveras.....	2,795	6,468	395	274	456	268	243	176	35	7	13	17	29	42
Colusi.....	258	1,757	46	124	100	-	-	-	-	-	-	-	-	-
Contra Costa..	9,303	10,665	511	693	877	13	278	131	450	-	-	-	-	-
Del Norte.....	3,000	1,000	50	25	25	10	25	2	-	-	-	-	-	-
El Dorado.....	11,200	22,600	618	526	212	-	80	200	63	-	-	-	-	-
Fresno.....	34	390	-	-	-	-	-	-	-	-	-	-	-	-
Humboldt.....	7,400	3,920	700	437	227	-	-	200	-	-	-	-	-	-
Klamath.....	150	500	-	-	-	-	-	-	-	-	-	-	-	-
Los Angeles...	947	4,060	1,020	102	17	-	400	445	774	-	125	13	251	1,302
Marin.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mariposa.....	3,163	2,487	55	123	23	-	5	12	11	-	-	-	3	-
Merced.....	600	2,000	100	25	-	-	5	-	10	-	-	-	-	-
Monterey.....	1,916	306	142	36	3	-	-	-	-	-	-	-	-	-
Napa.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Placer.....	2,800	6,166	298	357	88	20	1,081	39	-	-	-	-	-	-
Plumas.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sacramento....	70,218	137,961	28,710	7,938	17,767	5,328	2,770	8,027	3,410	-	-	108	27	-
San Bernardino.....	1,500	25,000	500	150	150	220	200	500	150	-	5	-	-	200
San Diego.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Francisco.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Joaquin...	13,630	10,480	1,350	650	473	200	892	524	396	-	-	-	-	15
San Luis Obispo.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Mateo.....	7,200	24,240	232	318	1,980	62	85	670	41	-	32	-	-	-
Santa Barbara	1,500	1,600	5,000	200	100	-	200	1,200	1,000	-	-	-	-	2,000
Santa Clara....	35,000	25,000	6,000	2,500	1,300	-	150	2,000	-	-	-	-	-	-

Santa Cruz.....	6,426	1,847	350	112	75	60	50	57	24	-	-	-	-	5
Shasta.....	1,200	4,000	200	64	8	-	84	130	-	-	-	-	-	-
Sierra.....	12,498	732	14	36	18	8	8	16	-	-	-	-	-	-
Siskiyou.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solano.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sonoma.....	43,071	21,282	2,890	1,560	1,100	100	1,246	250	620	-	-	8	-	-
Stanislaus.....	868	1,293	89	-	74	-	15	29	270	-	-	-	2	-
Sutter.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tehama.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trinity.....	1,726	833	114	127	60	6	127	15	-	-	-	-	-	-
Tulare.....	800	1,500	100	50	75	12	80	-	35	-	-	-	-	-
Tuolumne.....	12,150	20,737	1,672	895	1,040	204	230	219	414	-	-	-	-	-
Yolo.....	33,360	89,497	10,474	2,961	2,242	913	5,595	2,262	500	-	-	-	-	30
Yuba.....	33,500	223,300	5,100	5,550	5,750	2,600	1,865	2,550	-	-	-	-	-	-

HORTICULTURAL PRODUCTS. – NUMBER OF TREES AND VINES (cont'd.)

COUNTIES.	Pomegranate.	Pine Apple.	Prune.	Persimmon.	Pecan.	Chirimoya.	Almond.	Walnut.	Filbert.	Gooseberry.	Raspberry.	Strawberry.	Grape.	Tons of Grapes.	Gallons Wine.	Value of Fruit Raised.
Alameda.....	-	-	-	-	-	-	500	300	150	2,500	950	-	125,000	-	-	-
Amador.....	25	-	-	-	-	-	200	-	-	1,000	3,000	20,000	8,000	-	-	-
Butte.....	11	-	-	-	-	-	98	-	-	440	149	107,519	45,773	-	400	-
Calaveras.....	90	-	1	-	-	-	93	87	7	760	437	37,262	6,465	-	-	-
Colusi.....	-	-	-	-	-	-	-	-	-	-	-	-	3,120	-	-	1,000
Contra Costa..	-	-	-	-	-	-	-	-	-	-	-	-	34,468	-	-	-
Del Norte.....	-	-	-	-	-	-	-	-	-	1,000	-	-	25	-	-	-
El Dorado.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fresno.....	-	-	-	-	-	-	-	-	-	-	-	-	1,000	-	-	-
Humboldt.....	-	-	-	-	-	-	-	-	-	4,025	-	-	500	-	-	-
Klamath.....	-	-	-	-	-	-	-	-	-	-	-	-	1,000	-	-	-
Los Angeles...	627	-	102	-	-	-	176	218	-	-	-	-	520,630	1,134	260,000	-
Marin.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mariposa.....	-	-	-	-	-	-	-	-	-	64	23	223,050	15,227	-	-	-
Merced.....	-	-	-	-	-	-	-	-	-	25	-	5,000	15,000	-	-	-
Monterey.....	-	-	-	-	-	-	15	10	-	-	-	-	11,650	13	-	17,000
Napa.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Placer.....	-	-	-	-	-	-	-	-	-	116	290	20,000	5,742	-	-	-
Plumas.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sacramento....	-	-	706	-	16	-	2,627	3,282	6	3,957	13,327	226,340	119,500	-	-	55,376
San Bernardino....	100	-	-	-	-	-	150	100	-	20	-	3,000	38,000	50	-	-
San Diego.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Francisco..	-	-	-	-	-	-	-	-	-	4,500	3,000	50,000	1,200	-	-	-
San Joaquin...	3,162	-	6	10	41	16	60	63	-	2,467	349	17,564	28,640	20	-	50,000
San Luis Obispo.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Mateo.....	-	-	12	-	9	-	-	-	-	425	1,461	-	-	-	-	1,400
Santa Barbara...	100	-	-	-	-	-	500	100	-	500	-	1,000	70,000	100	3,000	20,000
Santa Clara.....	-	-	-	-	-	-	-	-	-	35,000	-	100,000	500,000	50,000	25,000	-
Santa Cruz.....	-	-	-	-	-	-	25	16	-	256	200	21,700	6,179	-	-	-
Shasta.....	-	-	-	-	-	-	-	-	-	-	-	3,000	6,000	-	-	-

Sierra.....	1	-	-	-	-	-	-	-	-	-	-	-	1,200	-	-	-
Siskiyou.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solano.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sonoma.....	-	-	-	-	-	-	230	10	-	-	-	-	170,508	150	-	-
Stanislaus.....	1	-	38	-	-	-	-	-	1	7	3	960	3,020	-	-	-
Sutter.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tehama.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trinity.....	-	-	-	-	-	-	12	14	3	99	100	17,429	1,717	-	-	1,000
Tulare.....	60	-	-	-	-	-	-	-	-	-	15	-	400	-	-	200
Tuolumne.....	-	-	-	-	-	-	120	11	3	1,065	836	29,200	29,931	-	-	-
Yolo.....	-	-	-	-	-	-	-	-	-	258	364	400	61,903	-	-	-
Yuba.....	-	-	-	-	-	-	-	-	-	-	-	-	30,000	-	-	-

ASSESSSED VALUE OF PROPERTY.

COUNTIES.	Lands.	Improvements.	Personal Property.	Total Valuation of Property.
Alameda.....	-	-	-	\$3,020,836 00
Amador.....	\$341,509 00	\$467,985 00	\$1,448,980 00	2,258,474 00
Butte.....	-	-	-	-
Calaveras.....	103,020 00	652,790 00	1,727,988 00	2,483,788 00
Colusi.....	-	-	-	-
Contra Costa.....	-	-	-	2,000,000 00
Del Norte.....	93,776 00	126,194 00	287,195 00	507,165 00
El Dorado.....	-	-	-	-
Fresno.....	78,067 00	61,855 00	243,735 00	383,730 00
Humboldt.....	-	-	-	882,450 00
Klamath.....	91,243 00	183,640 00	210,917 00	485,800 00
Los Angeles.....	378,301 00	579,090 00	1,015,851 00	1,973,242 00
Marin.....	572,470 00	44,100 00	888,270 00	1,504,840 00
Mariposa.....	-	-	-	-
Merced.....	102,000 00	-	-	809,571 00
Monterey.....	264,591 50	113,606 00	503,111 50	881,189 00
Napa.....	-	-	-	-
Nevada.....	-	-	-	-
Placer.....	-	-	-	-
Plumas.....	134,370 00	-	-	1,333,603 00
Sacramento.....	4,405,341 00	2,848,141 00	3,940,463 00	11,193,945 00
San Bernardino.....	-	-	-	-
San Diego.....	-	-	-	-
San Francisco.....	-	-	-	-
San Joaquin.....	1,156,375 00	982,785 00	1,963,655 00	4,102,815 00
San Luis Obispo.....	-	-	-	-
San Mateo.....	619,901 00	218,784 00	535,167 00	1,373,852 00
Santa Barbara.....	281,910 00	130,607 00	612,126 00	1,024,643 00
Santa Clara.....	1,952,170 00	1,192,295 00	1,798,485 00	5,008,640 00
Santa Cruz.....	316,260 00	220,268 00	472,522 00	1,009,050 00
Shasta.....	-	-	-	-
Sierra.....	-	-	-	2,218,026 00
Siskiyou.....	-	713,365 00	2,699,805 00	2,813,170 00
Solano.....	-	-	-	-
Sonoma.....	-	-	-	-
Stanislaus.....	-	-	-	-
Sutter.....	-	-	-	-

Tehama.....	-	-	-	-
Trinity.....	107,619 00	515,747 00	715,309 00	1,338,675 00
Tulare.....	10,315 00	20,250 00	476,256 00	488,821 00
Tuolumne.....	358,625 00	1,498,685 00	1,108,690 00	2,965,950 00
Yolo.....	578,747 00	284,420 00	1,312,139 00	2,175,306 00
Yuba.....	1,805,803 00	1,782,051 00	2,747,634 00	6,335,488 00

LIVE STOCK.

COUNTIES.	Horses, American.	Horses, Spanish (Tame.)	Horses, Spanish (Wild.)	Horses, Total Number.	Mules.	Asses.	Cows.	Calves.	Stock Cattle.	Beef Cattle.	Oxen.	Total Number Cattle.	Sheep.	Goats.	Hogs.
Alameda.....	1,700	-	-	-	1,630	80	4,765	3,000	14,350	-	832	-	12,550	530	1,400
Amador.....	610	538	-	1,148	275	137	1,500	1,370	1,342	274	542	5,028	2,366	84	2,189
Butte.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calaveras.....	-	-	-	1,089	581	288	1,268	822	-	518	597	3,205	2,480	197	1,607
Colusi.....	550	778	1,017	2,345	411	3	10,540	7,000	24,658	5,105	-	29,823	13,920	-	13,099
Contra Costa..	1,181	-	-	4,521	143	4	5,229	3,556	14,767	-	530	24,082	11,282	129	4,889
Del Norte.....	-	-	-	150	1,700	-	400	300	600	100	100	1,500	600	4	1,000
El Dorado.....	-	-	-	1,420	527	96	1,620	900	-	-	1,832	-	1,600	-	8,000
Fresno.....	50	500	452	-	92	25	2,500	2,000	1,000	1,000	200	-	2,085	50	536
Humboldt.....	-	-	-	759	614	-	1,800	1,400	2,000	1,000	397	6,597	10	63	2,630
Klamath.....	20	62	-	82	936	15	227	85	-	114	94	535	-	12	517
Los Angeles...	134	2,738	9,114	11,986	530	88	852	-	58,815	-	921	60,588	23,741	802	2,470
Marin.....	350	1,057	1,883	3,290	-	-	3,402	3,200	15,685	-	950	23,237	2,871	300	1,865
Mariposa.....	25	225	329	679	230	45	-	-	-	-	-	3,445	3,230	127	782
Merced.....	150	500	600	1,250	200	-	18,000	10,000	800	500	250	29,550	4,000	97	1,000
Monterey.....	162	1,516	2,342	4,020	119	6	2,012	1,948	30,350	750	385	35,455	21,200	211	850
Napa.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Placer.....	-	-	-	960	373	-	2,194	-	1,052	635	472	-	3,835	-	4,763
Plumas.....	-	-	-	286	546	43	1,357	977	872	504	594	4,304	-	-	461
Sacramento....	3,442	2,151	1,100	6,693	1,102	3	8,610	5,514	14,285	2,713	1,886	33,008	12,824	736	8,115
San Bernardino....	153	646	909	1,708	184	1	846	719	7,936	-	211	9,712	2,455	464	402
San Diego.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Francisco..	2,500	100	-	2,600	100	-	1,800	300	-	-	100	2,240	800	100	500
San Joaquin...	2,047	1,640	1,064	4,751	2,120	42	5,026	4,150	11,640	6,420	1,548	28,784	15,137	5,154	9,278
San Luis Obispo.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Mateo.....	760	962	1,228	2,950	43	13	2,642	1,334	817	1,223	210	6,280	3,713	126	1,927
Santa Barbara	-	3,500	15,000	18,500	500	200	-	-	55,000	-	500	55,500	26,000	100	1,000
Santa Clara.....	1,500	1,500	2,000	5,000	500	50	5,000	-	15,000	5,000	1,000	33,500	15,000	500	5,000
Santa Cruz.....	201	1,808	-	3,052	120	4	1,462	1,400	4,415	1,000	764	9,041	1,401	105	1,809
Shasta.....	-	-	-	920	701	14	1,214	-	1,118	328	804	-	75	8	3,244
Sierra.....	103	-	-	-	561	19	132	7	-	-	97	-	3	14	480

Siskiyou.....	1,200	3,200	-	-	2,500	250	5,000	3,500	3,500	6,000	2,000	-	3,500	300	12,000
Solano.....	-	-	-	3,986	568	-	4,200	4,200	8,314	3,100	-	19,814	18,103	547	7,684
Sonoma.....	1,672	-	-	7,965	576	6	15,536	9,200	29,993	-	2,879	57,608	20,771	124	16,300
Stanislaus.....	215	1,250	1,310	2,775	168	21	1,198	815	4,550	-	200	6,763	5,480	22	560
Sutter.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tehama.....	-	-	-	2,049	852	-	-	-	-	-	-	13,991	5,275	-	7,485
Trinity.....	92	133	-	225	929	86	312	209	19	150	154	1,017	412	63	394
Tulare.....	65	500	1,000	1,556	150	73	-	-	-	-	-	16,000	6,000	200	5,000
Tuolumne.....	-	-	-	1,179	527	46	1,305	396	1,663	1,197	708	-	1,470	866	3,359
Yolo.....	800	800	1,671	3,271	500	16	5,000	407	7,956	1,109	200	18,272	9,599	-	7,079
Yuba.....	-	-	-	1,129	1,270	28	1,186	-	2,000	666	579	4,431	3,462	37	4,112

COUNTIES.	LIVE STOCK. (cont'd)				STOCK SLAUGHTERED.					
	Chickens.	Turkeys.	Ducks.	Geese.	CATTLE.		HOGS.		SHEEP.	
					Number.	Value.	Number.	Value.	Number.	Value.
Alameda.....	21,600	950	350	100	-	-	-	-	-	-
Amador.....	-	-	-	-	5,100	\$244,000 00	3,650	\$54,075 00	1,460	\$10,220 00
Butte.....	12,506	1,387	129	42	4,078	217,520 00	2,176	29,230 00	967	6,295 00
Calaveras.....	13,262	129	74	29	-	-	-	-	-	-
Colusi.....	5,961	263	15	23	285	14,250 00	2,000	24,000 00	223	1,338 00
Contra Costa..	15,654	599	4,247	39	-	-	-	-	-	-
Del Norte.....	1,500	50	150	-	884	48,620 00	650	10,000 00	500	4,000 00
El Dorado.....	-	-	-	-	-	-	-	-	-	-
Fresno.....	1,200	71	-	-	50	2,500 00	1,500	30,000 00	-	-
Humboldt.....	6,000	-	-	-	350	250,000 00	2,000	35,000 00	-	-
Klamath.....	1,200	-	-	-	875	53,375 00	330	10,592 00	-	-
Los Angeles...	23,724	111	288	118	-	-	-	-	-	-
Marin.....	-	-	-	-	-	-	-	-	-	-
Mariposa.....	3,600	3,600	454	100	1,750	140,000 00	750	18,000 00	1,500	15,000 00
Merced.....	6,000	150	-	-	-	-	-	-	-	-
Monterey.....	7,500	30	45	-	-	-	-	-	-	-
Napa.....	-	-	-	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-
Placer.....	7,902	660	260	102	-	-	-	-	-	-
Plumas.....	-	-	-	-	1,380	82,800 00	1,160	18,000 00	-	-
Sacramento....	43,520	4,118	425	123	6,844	199,300 00	6,609	59,270 00	9,800	68,600 00
San Bernardino.....	-	100	-	32	-	-	-	-	-	-
San Diego.....	-	-	-	-	-	-	-	-	-	-
San Francisco.	4,000	300	600	100	16,000	-	5,000	-	10,000	-
San Joaquin...	13,192	3,984	650	231	5,757	230,280 00	4,307	64,605 00	4,174	29,218 00
San Luis Obispo.....	-	-	-	-	-	-	-	-	-	-
San Mateo.....	4,119	86	-	-	1,096	32,880 00	208	3,328 00	412	2,472 00
Santa Barbara	20,000	250	100	100	6,500	130,000 00	600	2,400 00	2,000	7,000 00
Santa Clara....	-	-	-	-	-	-	-	-	-	-
Santa Cruz.....	3,600	87	44	35	1,000	-	600	-	600	-
Shasta.....	5,520	74	-	28	-	-	-	-	-	-

Sierra.....	-	-	-	-	-	-	-	-	-	-	-
Siskiyou.....	50,000	400	200	200	7,500	-	5,000	-	2,500	-	-
Solano.....	-	-	-	-	-	-	-	-	-	-	-
Sonoma.....	50,000	200	1,000	150	-	-	-	-	-	-	-
Stanislaus.....	7,856	564	38	13	3,150	78,750 00	1,260	12,600 00	1,575	11,025 00	-
Sutter.....	-	-	-	-	-	-	-	-	-	-	-
Tehama.....	-	-	-	-	-	-	-	-	-	-	-
Trinity.....	5,261	9	2	-	1,702	-	1,389	-	816	-	-
Tulare.....	2,000	200	-	-	100	-	100	-	-	-	-
Tuolumne.....	6,881	378	169	63	-	162,900 00	-	39,700 00	-	19,250 00	-
Yolo.....	28,752	2,611	60	-	-	-	-	-	-	-	-
Yuba.....	401	-	-	-	5,250	262,500 00	3,980	47,760 00	7,450	52,150 00	-

IMPROVEMENTS.

COUNTIES.	GRIST MILLS.								SAW MILLS.				
	Number.	Stem Power	Run of Stones.	Value of Steam Grist Mills.	Water Power	Run of Stones.	Value of Water Power Grist Mills	Bushels of Grain Ground.	Number of.	Value of.	Steam Power.	Water Power.	No. of Feet of Lumber Sawed.
Alameda.....	6	2	10	\$50,000 00	4	7	\$35,000 00	-	1	-	1	-	-
Amador.....	3	1	2	7,000 00	2	4	6,000 00	-	20	\$51,000 00	11	9	15,600,000
Butte.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Calaveras.....	-	-	-	-	-	-	-	-	17	84,900 00	7	10	28,980,000
Colusi.....	2	2	4	18,000 00	-	-	-	81,000	2	-	-	-	-
Contra Costa.....	1	1	3	8,000 00	-	-	-	-	1	4,000 00	1	-	-
Del Norte.....	1	1	2	10,000 00	-	-	-	30,000	4	-	1	4	1,500,000
El Dorado.....	2	-	-	-	2	5	6,000 00	-	39	77,200 00	17	22	5,100,000
Fresno.....	-	-	-	-	-	-	-	-	1	2,000 00	-	-	313,000
Humboldt.....	4	2	-	10,000 00	2	-	8,000 00	75,000	9	-	7	2	25,000,000
Klamath.....	-	-	-	-	1	2	6,000 00	4,167	7	-	-	7	1,400,000
Los Angeles.....	-	-	-	-	-	-	-	-	2	-	-	-	1,082,500
Marin.....	-	-	-	-	-	-	-	-	3	-	3	-	-
Mariposa.....	1	6	1	3,000 00	-	-	-	-	8	64,000 00	-	-	4,800,000
Merced.....	3	-	-	-	3	9	12,000 00	-	-	-	-	-	-
Monterey.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Napa.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Placer.....	-	-	-	-	-	-	-	-	24	65,000 00	-	-	29,035,000
Plumas.....	2	-	-	-	2	4	20,000 00	-	20	-	-	20	3,000,000
Sacramento.....	7	6	19	38,000 00	1	3	5,000 00	611,250	2	-	2	-	2,060,000
San Bernardino.....	-	-	-	-	-	4	6,000 00	-	6	-	2	4	-
San Diego.....	-	-	-	-	-	-	-	-	-	-	-	-	-
San Francisco.....	10	-	-	-	-	-	-	-	3	-	-	-	7,000,000
San Joaquin.....	7	5	13	158,000 00	2	6	50,000 00	962,000	-	-	-	1	150,000
San Luis Obispo.....	-	-	-	-	-	-	-	-	-	-	-	-	-
San Mateo.....	-	-	-	-	-	-	-	-	11	44,000 00	9	2	13,860,000
Santa Barbara.....	1	-	-	-	1	2	4,000 00	-	-	-	-	-	-

Santa Clara.....	10	3	8	30,000 00	7	15	75,000 00	150,000	12	-	3	9	10,000,000
Santa Cruz.....	6	1	3	8,000 00	5	9	19,100 00	432,200	9	-	2	7	7,200,000
Shasta.....	2	1	2	-	-	-	-	-	16	73,000 00	1	15	-
Sierra.....	-	-	-	-	-	-	-	-	28	126,160 00	14	14	-
Siskiyou.....	5	-	-	-	5	9	85,000 00	-	15	77,000 00	2	13	16,276,000
Solano.....	3	-	-	-	-	-	-	-	-	-	-	-	-
Sonoma.....	6	1	2	5,000 00	5	5	15,000 00	-	10	-	5	5	62,600,000
Stanislaus.....	1	-	-	-	1	2	1,000 00	-	1	4,000 00	-	1	-
Sutter.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Tehama.....	3	1	3	16,000 00	2	4	50,000 00	300,000	2	-	1	1	4,000,000
Trinity.....	4	-	-	-	4	5	22,000 00	180,000	19	-	-	19	25,000,000
Tulare.....	2	1	2	2,000 00	1	1	3,000 00	12,000	1	-	1	1	200,000
Tuolumne.....	2	1	3	10,000 00	1	2	8,000 00	-	25	-	14	11	39,375,000
Yolo.....	3	3	5	10,000 00	-	-	-	-	-	-	-	-	-
Yuba.....	5	4	12	60,000 00	1	2	3,000 00	34,000	24	51,900 00	7	17	5,000,000

IMPROVEMENTS. (cont'd)

COUNTIES.	QUARTZ MILLS.			MINING DITCHES.			TURNPIKE ROADS.					FERRIES.		TOLL BRIDGES.	
	Number of.	Value of.	No. of tons of Quartz crushed.	Number of.	Value of.	Miles in Length.	Number of.	Length of in Miles.	Cost of.	Income of.	Cost of Repairs.	Number of.	Value of.	Number of.	Value of.
Alameda.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amador.....	23	\$138,000 00	69,000	35	-	527	1	4	\$2,000 00	\$800 00	\$200 00	2	-	6	\$30,000 00
Butte.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calaveras.....	25	72,800 00	71,505	33	\$394,850 00	380	-	-	-	-	-	9	\$16,000 00	11	27,000 00
Colusi.....	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-
Contra Costa..	-	-	-	-	-	-	-	-	-	-	-	9	16,000 00	11	27,000 00
Del Norte.....	-	-	-	-	-	9	-	-	-	-	-	5	-	-	-
El Dorado.....	20	80,200 00	28,170	-	-	-	-	37	15,000 00	-	-	-	-	10	44,500 00
Fresno.....	-	-	-	-	-	-	-	-	-	-	-	5	5,000 00	-	-
Humboldt.....	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Klamath.....	-	-	-	-	-	55	-	-	-	-	-	4	2,300 00	2	1,000 00
Los Angeles...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Marin.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mariposa.....	20	120,000 00	18,000	10	75,000 00	63	5	18	35,000 00	12,600 00	1,000 00	3	1,500 00	-	-
Merced.....	-	-	-	-	-	-	-	-	-	-	-	3	7,000 00	1	14,000 00
Monterey.....	-	-	-	-	-	-	1	4	2,500 00	-	-	1	1,200 00	-	-
Napa.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Placer.....	8	27,400 00	-	34	325,600 00	512	8	33	-	-	-	-	-	9	14,600 00
Plumas.....	6	-	3,000	52	-	146	2	40	7,000 00	-	500 00	-	-	-	-
Sacramento....	1	-	3,000	118	-	128	-	-	-	-	-	9	-	10	-
San Bernardino.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Diego.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Francisco.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Joaquin...	-	-	-	1	-	15	-	-	-	-	-	6	15,000 00	3	15,000 00
San Luis Obispo.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Mateo.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Santa Barbara	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Santa Clara.....	-	-	-	-	-	-	1	5	5,000 00	1,000 00	250 00	-	-	-	-
Santa Cruz.....	2	-	939	-	-	-	-	-	-	-	-	-	-	-	-
Shasta.....	4	18,000 00	-	21	-	-	-	-	-	-	-	9	-	5	-
Sierra.....	3	32,400 00	3,543	72	462,650 00	226	-	-	-	-	-	-	-	3	7,000 00
Siskiyou.....	-	-	-	-	-	-	-	-	-	-	-	5	-	6	24,000 00
Solano.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sonoma.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stanislaus.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sutter.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tehama.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trinity.....	-	-	-	122	-	261	-	-	-	-	-	7	-	7	-
Tulare.....	5	-	9,390	-	-	$\frac{3}{4}$	-	-	-	-	-	3	-	1	-
Tuolumne.....	12	-	-	19	-	409	-	-	-	-	-	10	-	2	-
Yolo.....	-	-	-	-	-	-	2	$\frac{1}{4}$	25,000 00	-	-	5	10,000 00	-	-
Yuba.....	3	70,000 00	-	31	258,400 00	470	3	79	-	-	-	6	5,200 00	12	82,400 00

ABSTRACT OF TAXABLE PROPERTY.

RETURNED TO COUNTY ASSESSORS AND SURVEYORS.

RECAPITULATION.

Agricultural Products, Live Stock, Improvements, Etc.	Total.	Number of Counties.
Acres of land enclosed.....	597,610	22
Cultivated.....	508,267	31
Acres of wheat.....	126,038 ¼	34
Bushels.....	2,172,818	32
Acres of barley.....	196,934	34
Bushels.....	4,449,581	31
Acres of oats.....	36,894	31
Bushels.....	1,097,399	28
Acres of rye.....	963	14
Bushels.....	31,967	13
Acres of corn.....	12,141	26
Bushels.....	410,293	21
Acres of buckwheat.....	1,065	11
Bushels.....	30,445	9
Acres of peas.....	1,933	19
Bushels.....	54,938	14
Acres of beans.....	10,068	26
Bushels.....	132,595	18
Acres of potatoes.....	18,847	33
Bushels.....	1,522,397	27
Acres of sweet potatoes.....	454	10
Bushels.....	78,567	8
Acres of onions.....	1,046	21
Bushels.....	107,804	17
Acres of hay.....	66,836	23
Tons.....	84,837	29
Acres of tobacco.....	14 ½	4
Pounds.....	1,800	1
Acres of broom corn.....	457	11
Pounds of butter.....	1,942,861	24
Pounds of cheese.....	1,067,418	20
Pounds of wool.....	843,577	18

Dozens of eggs.....	1,043,500	23
No. of apple trees.....	526,834	32
No. of peach trees.....	886,168	32
No. of pear trees.....	76,539	30
No. of plum trees.....	36,041	30
No. of cherry trees.....	43,409	29
No. of nectarine trees.....	11,265	19
No. of quince trees.....	28,203	27
No. of apricot trees.....	22,918	27
No. of fig trees.....	9,975	20
No. of aloe trees.....	7	1
No. of citron trees.....	175	4
No. of lemon trees.....	146	4
No. of orange trees.....	318	6
No. of olive trees.....	3,944	8
No. of pomegranate trees.....	4,177	10
No. of prune trees.....	865	6
No. of persimmon trees.....	10	1
No. of pecan trees.....	66	3
No. of chirimoza trees.....	16	1
No. of almond trees.....	4,806	14
No. of walnut trees.....	4,211	12
No. of filbert trees.....	176	6
No. of gooseberry trees.....	58,484	21
No. of raspberry trees.....	24,504	16
No. of strawberry vines.....	884,424	19
No. of grape vines.....	1,862,038	31
No. of tons of grapes.....	51,467	7
No. of gallons of wine made.....	288,400	4
Value of fruit raised.....	\$145,976	8
No. of American horses.....	19,682	25
No. of Spanish horses, tame.....	26,104	22
No. of Spanish horses, wild.....	51,019	16
No. of mules.....	22,878	36
No. of asses.....	1,702	29
No. of cows.....	118,133	33
No. of calves.....	72,309	28
No. of stock cattle.....	334,670	29
No. of beef cattle.....	39,466	23
No. of oxen.....	22,536	32
No. of sheep.....	257,150	35
No. of goats.....	12,063	31
No. of hogs.....	143,786	37
No. of chickens.....	402,111	29
No. of turkeys.....	20,761	27
No. of ducks.....	9,300	21

No. of geese.....	1,628	19
No. of cattle slaughtered.....	69,661	20
Value.....	\$1,924,675	16
No. of hogs slaughtered.....	43,269	20
Value.....	\$458,560	16
No. of sheep slaughtered.....	43,977	15
Value.....	\$226,568	12
No. of grist-mills.....	102	27
No. of steam-power grist-mills.....	42	18
No. of run of stones.....	94	17
Value.....	\$443,000	17
No. of water-power grist-mills.....	52	20
No. of run of stones.....	100	20
Value.....	\$439,100	21
No. of bushels of grain ground per annum.....	2,871,617	21
No. of saw-mills.....	342	31
No. of steam-power mills.....	111	21
No. of water-power mills.....	194	22
Value of saw-mills.....	\$724,160	13
No. of feet of lumber sawed.....	308,531,500	24
No. of quartz mills.....	132	13
Value.....	\$558,800	8
No. of quartz crushed.....	206,547	9
No. of mining ditches.....	550	13
Value.....	\$1,516,500	5
No. of miles in length.....	2,901	13
No. of turnpike roads.....	23	8
No. of miles in length.....	225	9
Cost of.....	\$91,500	7
Income of.....	\$14,400	3
Cost of repairs.....	\$1,950	4
No. of ferries.....	109	20
Value.....	\$79,200	10
No. of toll-bridges.....	99	16
Value.....	\$286,500	11

STATISTICAL NOTES.

ALAMEDA COUNTY.

Brick court-house and jail just been completed at a cost of \$35,000; seven artesian wells, depth from one hundred and fifty to three hundred feet.

AMADOR COUNTY.

The total number of fruit-trees and vines, from one to four years' growth, is 41,792, and were planted at a cost of \$23,800. Average value of lumber at the mills, has been \$25 per M; value of lumber sawed annually is \$234,000. There is a foundry located at Sutter Creek, which turns out some two hundred tons of castings per annum. One tannery; four breweries, three soda manufactories; four lime-kilns; and six brick-kilns. Probable yield of the placer mines is annually about \$1,000,000.

BUTTE COUNTY.

The water-works in Oroville, which are the only property of this nature in the county, are valued at \$7,000. There is one tannery in this county, which is located at Oro Lena, and valued at \$3,000. The coal of the Table Mountain Coal Company's mine, as far as tested, makes excellent fuel, but does not answer for mechanical purposes.

EL DORADO COUNTY.

There are sixty-seven miles of telegraph in this county; three tanneries, valued at \$6,000; ten breweries, and five soda manufactories. The quantity of ice put up last winter is estimated at four hundred tons. Lime and marble abound throughout the county. There are four marble-quarries and eleven lime-kilns in the county. Veins of copper ore, containing a larger per centage of silver, have been discovered and partially opened.

PLACER COUNTY.

There are, in this county, about 400,000 acres of land claimed, located, and occupied. The aggregate taxable valuation of houses and buildings is \$243,154; of merchandise, \$300,000; of money, \$140,688; of money at interest, \$116,391; of mining capital, \$179,543; of solvent debts, \$165,000; of household furniture, \$17,730; of hens and their product, together, \$16,465; of ditches and canals, \$325,600; of quartz-mill machinery, \$28,400; of toll-bridges, disconnected with turnpike roads, \$14,600; of saw-mill machinery, \$65,000; turnpikes and bridges, \$60,750.

PLUMAS COUNTY.

American Valley embraces an area of 10,000 acres; Indian Valley, 20,000 acres; Big Meadows, 60,000 acres; Mountain Meadows, 7,000 acres; Honey Lake Valley, 40,000 acres; and Beckworth Valley, 30,000 acres. There are five other smaller valleys, comprising in all, six or seven thousand acres, "estimating the whole at 173,000 acres, the greater part of which could well be denominated swamp and overflowed land, one-tenth of which has been reclaimed." In this county there are two lime-kilns and two brick-kilns.

SACRAMENTO COUNTY.

There are 94,766 acres of land claimed, independent of Spanish grants, by actual settlers.

SAN FRANCISCO COUNTY.

The approximate area is 26,000 acres; of the cultivated land, 500 acres are used for vegetables. There are three ship-yards in the county – four steamers, (bay and river,) of an aggregate burthen of 1,600 tons, and four sail vessels, of an aggregate of 200 tons, have been launched this season; one marine railway for repairs; thirteen brick-yards, employing 134 men; bricks made annually, 53,000,000.

SAN MATEO COUNTY.

Land suitable for tillage, 40,000 acres; lands suitable for grazing alone, 15,000 acres; timbered, (oak,) 30,000 acres; timbered, (redwood,) 30,000 acres; marsh or overflowed land, 8,000 acres. There are three artesian wells in the county. The length of telegraph in the county is about thirty-seven miles.

SANTA BARBARA COUNTY.

Bitumen is abundant in this county. Tobacco and cotton have been cultivated experimentally, with such success as to encourage the investment of capital in both enterprises.

SISKIYOU COUNTY.

Number of American citizens, 5,000; foreigners, 1,500. Number of women, 700; children, (both sexes,) 1,000; total population, 8,200. Acres of land adapted to agricultural purposes, 75,000; swamp and overflowed land, 25,000 acres; 5,550 acres vegetables, beside those enumerated in the tables.

THE SURVEYOR GENERAL'S OFFICE.

To properly fulfill the duties imposed on this office, the Surveyor General should be an educated and skillful engineer, with a pride in his profession, and ambition as a state officer. Such a man, with aid from the Legislature by judiciously framed laws, and appropriations made in a spirit of just liberality, could do more for the benefit of the state, in developing her resources, presenting before the world in their proper light the many inducements for settlement and investment, and in furnishing a mass of valuable information on every topic of public interest to the miner, the merchant, the statist, the legislator, the geologist, and the agriculturist, than would seem possible to those who have not carefully looked into the importance of the subject.

Many laws of various kinds are now in force imposing duties on the Surveyor General, and yet he is deprived of the means of properly performing them; and others have duties to fulfill which properly belong to his province, and enjoy emoluments

therefrom, while he is left, as an important state officer, on a salary insufficient to pay his necessary personal expenditures.

A salary proportionate to the dignity and duties of the office, and appropriations suitable for carrying on its work, would soon produce a salutary effect. I would respectfully recommend the establishment of a State Land Office, as before described in this report, and that the Surveyor General be the Register of the office, with a salary of \$1,500 per annum; that the state lands be at once segregated from the public domain of the United States, upon a plan the expense of developing which should be paid out of the sale of the lands; that the Surveyor General be authorized to visit the several United States land offices to examine their records, and obtain information to guide him in selecting the state lands; that the school lands be at once selected, in bodies of any convenient size, on any unoccupied public lands of the United States where found most valuable, and for the purpose that an appropriation of \$3,000 be made; that the necessary maps be procured from the United States Surveyor General, guides to the selections of lands as before alluded to; and that the laws be so amended as to require the Surveyor General to report every three months to the Secretary of the Interior the selections of lands made by the state, reporting also the same, as fact as selected, to the registers of the proper United States land districts, so that the lists may be certified over by the United States to the state.

I also recommend that the Surveyor General be empowered, equally with the county surveyors, to make surveys within the state, and to administer oaths and take necessary affidavits in the course of his official duties.

The business of the office requiring the constant services of at least one clerk, I recommend the appropriation of \$1,200 for that purpose for the rest of the present fiscal year.

All of which is respectfully submitted.

JOHN A. BREWSTER.
Surveyor General.