

Sheep Reising in California.

growing in California, is attracting much at- into bearing. tention, and the public journals throughout the State speak of it as promising to become one of the principal sources of wealth to the agricultural portion of its inhabitants, at no netted him, dressed, an average of seven hundistant period, although wool does not, this dred and thirteen pounds. The price paid season, command high prices, some seventy was a little better than three cents live San Francisco, for export, at prices ranging from fourteen to thirty cents per pound.

Among the principal sheep raisers of the dairy stock. It is stated that, in July, 1860, Mr. Blacon purchased sixteen Merino ewes, barren, leaving twelve breeding ewes, from next July-something over three hundred and in California. twenty-five per cent. increase in less than two years. The shearing is as follows; 52 clips from ews and ewe lambs - - 8771 lb. 8 clips from bucks - - - - 8121b.

General average of awas and awa tambs - 16 tb. 14 oz. General average of bucks - - - - - 27 lb. The heaviest fleece taken from the best

fluck, was thirty-four pounds; and from the best ewe, twenty-five and a half pounds.

mannanana.

Trees for Shade .- The California Farmer suggests that in place of the cottonwood, which partic'es, agriculturists should substitute were the only redeeming feature, but more the graceful elms, the fragrant locust, or the than offset by any number of rattlesnakes, beautiful waving Eucalyptus, which, with many other trees, are far preferable to the cottonwood.

How the Chinese make Dwarf Trees.

We have all known from childhood how the Chinese cramp their women's feet and so manage to make them "keepers at home," but how they contrive to grow miniature pines and oaks in flower-pots for half a century has always been much of a secret. It is the product chiefly of skillful, long-continued rootpruning. They aim, first and last, at the seat it as far as may consist with the preservation ing a young plant (say a seedling or cutting of the tap-root is generally made to rest on the bottom of the pan, or on a flat stone withenough in kind and quantity to furnish a scanty nourishment to the plant. Water enough that I am aware of. is given to keep it in growth, but not enough the application of light and heat. As the and pegs, and various other mechanical contrivances, to promote symmetry of habits, Thus, by the use of very shallow pots, the growth of the tap-roots is out of the question; by the use of the poor soil, and little of it, and little water, strong growth is prevented.

within easy reach of the gardener, are short. Paint. They carry loads of wheat of one ry, placed in a narrow tube over the fire, will them old patreaks was mighty forgitiful." ened by his pruning knife, or seared with his hot iron. So the little tree, finding itself upon their heads and shoulders, sometimes headed on every side, gives up the idea of with a piccanninny accompaniment, strapped of gold briskly against another gold plate, strong growth, asking only for life, and just to a board, that regales itself at the maternal they will both gradually grow hotter and hotgrowth enough to live and look well. Accordingly each new set of leaves become and women, are hideous. The young are at the point of melting; and yet all this time are diminished in proportion, and at length a school children at liberty. On the whole, swell and grow bigger in all their dimensions. the tree, making it a dwarf in all respects .-In some kinds of trees, this end is reached in three or four years; in others, ten or fifteen barism, and disgust at their personal appearyears are necessary. Such is fancy horticul- ance and habits. ture among the Celestials.

ANANANANANA Training Pear Trees.

Mr. Amos Fish, of Bethlehem, N. Y., in a communication to the Cultivator, gives the concerned in the cultivation of each. following as his method of training pear trees:

trees grown by budding or grafting on stocks ripened stalks will have a grand effect. Then, money, a horse, and a fashionable wife. having strong roots, or others that have been if it should be our fortune to still be here, trimmed up when growing in the nursery, and doubtless we shall see a busy harvest time. having in consequence long, slim stems. The roots of these trees having lost many of their |-" Cuffy, why don't you kick that dog?" fibres by transplanting, were unable to coun- "What am de use ob kicking ebery cur dat compliments. teract the influence of the sun's rays, beating | snarls at you? Don't yer know dat am de

most a stand-still in the growth. In case, therefore, of shoots appearing upon the stem, (the nearer the ground the better,) I suffer them to remain, shortening them in after the the consummation of that grand enterprise foliage near the ground and aid in the growth oceans in attempting a survey for which ground are sufficiently strong in proportion to officers and Government employees so nearly the height of the tree. I then cut them off, lost their lives. The present expedition is seen 13 Governments, each differing from the covering the wounds with grafting wax. By The business of sheep raising and wool this treatment the tree will grow more vigor. Napoleon. Several French engineers, under the Assemblies, May 5, 1789, to August 10,

Heavy Cattle .- H. Patrick, the successful cattle feeder of Dupage county in Illinois, has recently marketed fifty head of steers, which that number ever packed there-the highest average heretofore having been six hundred and forty pounds.

of which two died on shipboard and two are plates putting in about ten acres. Tobacco will commence, the line extends to the Chuanticipation of another crop of lambs before satisfied can and will be profitably cultivated fluence of the Asmati with the Sucubti, a dis-

The Pimo Indians and Villages.

near the Pimos villages, to a friend at San Prancisco, dated May 5th, published in the interes's of commerce is immense .- [Cali-Bulle in, gives the following description of the fornia paper. desert and the Pimo Indians and their villages:

Of course in going into a new country, as I have from Fort Yuma to this place, I have seen new sights. From the fort up the Gila river, we had ten days marching (184 miles) very spot of the Oatman massacre, and stood lows: over the graves of the victims. It is desolate indeed, and I found it impossible during my from dwelling upon the terrible tragedy.

will be little taxed to give a picture of the quite noted Pimo villages. The whole po, ulation, the Maricopa and Pimo nations, are They are a peaceful and intelligent people, engaged in agricultural pursuits. Their warlike avocations consist of an annual camof vigorous growth, endeavoring to weaken paign against the Apaches, with whom they Divine Lord, by every one who hates mortal of life. They begin at the beginning. Tak- some encouragement from the United States Holy Church of God has an exceeding great Government in cultivating their lands. They horror. of a cedar), when only two or three inches now have a crop of wheat on the eve of high, they cut off its tap-root as soon as it has harvest that I judge will yield one million it in a shallow earthen pot or pan. The end top ed mud hits, with a small door; these ardice and heroism. doors all face to the rising sun, and they have a traditionary belief that some mornin it. Alluvia! clay is then put into the pot, ing Montezuma will make his appearance much of it in bits the size of beans, and just with the God of day. They have no religious creed or form or object of worship fire into two kinds-elementry fire, as it is in

hundred to two hundred pounds in baskets ascend to 30 times its former beight.

fords the necessary irrigation. Brush fences acres, according to the number of families the Year Round.

While I write, as far as the eye can reach, the tall grain waves its emerald green in the gentle wind, and when a few weeks shall have stand up. I have at times transplanted young pear given it full maturity, the golden bues of the

powerfully upon the stem, which causes al- way he wants to bring hisself to notice?"

The Darien Ship Canal.

The preparations are nearly completed for first year, to increase the thickness of the for connecting the waters of the two great France presents in a succinct form some of root until the roots and the stem near the Lieutenant Strain and a number of American curious information: under the auspices of the Emperor Louis others in origin and in aim. Louis XVI. and ously, and time will be saved in bringing it the direction of M. Bonardiol, having previ- 1792; the Convention, with its revolutions ously made a partial exploration, are opera- and incessant changes, September 24, 1792, to ting in Darien upon a detailed survey of the October 5, 1795; the Directory, October 5, line for a ship canal between the Atlantic 1795, to November 7, 1799; the Consulate for and Pacific Oceans. There is thus, at length, a limited period, December 24, 1799, to August a prospect of this grand project being carried 2, 1802; the Consulate for life, August 2, 1802, into execution. The line about to be survey- to May 18, 1804; the Empire, May 18, 1804 ed extends from the Gulf of San Miguel, on to April 2, 1814; the Restoration, April 24, the Pacific, in a direction N. E. by E 1 E. by 1814, to March 20, 1815; the Empire, March thousand pounds having been sold recently in ing house, and pronounced the heaviest lot of compass, to Caledonia Harbor and Port Es- 27, to June 22, 1815; the Restoration, July 8, coces on the Atlantic. The Gulf of San | 1815, to August, 1830; the Government of Miguel receives numerous rivers, the largest Louis Philippe, King of the French, Auof which are the Tuyra and the Savana, gust 9, 1830, to February 24, 1848; the which unite together just before falling into Republic, February 26, 1848, to Decemb r Tobacco Culture in California. - Mr. J. P. it. The Savana is nav gable for the largest 2, 1851; the Presidency for 10 years, Decemcounty, famed also for his admirable herds of Painbridge, who resides some distance below ships up to the confluence of the Lara with it, ber 20 21, 1851, to December 9, 1852; the Emthe town of Colusa, says the Sun, near the that is, for fourteen miles towards the Atlan- pire, December 9, 1852. During the same vation of tobacco on his land. He contem- the Savana, at which point the future canal gated 12 Constitutions, which have had in is one of the articles in the list for the pro- quanaqua, a distance of 12 miles. From the force of fundamental law: The Constitution which he has an increase of forty-six, with the and it is one of the articles, too, that we are Sucubti, one of its tributaries, up to the contance of nine miles; and then continues along the bed of the same river Sucubti to a point nine miles higher up. From that point to the

The importance of this enterprise to the

The Roman Catholic Doctrine of Duel-

Dr. Dixon, the Roman Catholic Primate in Ireland, has issued a theis on this subject. It in bursting its bolls fills the air with feathery through a wretched country. Multitudes of is published apropos of the recent challenge fras!" Davy scratched his head, and stamwild mocking-birds, singing night and day, by the O'Donoghue to Sir Robert Peel, and mered out, "Missus, me think sassifas and appears in the shape of a letter dated sassify pretty much two things!" scorpions, and tarrantulas. Then, as an ob- Armagh, March 19th, addressed to the ject of melancholy interest, we passed the editor of a newspaper. We extract as fol-

> I speak of Catholic duelists as such; that stay there over night to keep my thoughts is to say, I speak of them precisely in their character of duelists-in other worls, I Poor as my descriptive powers are, they speak not immediately and directly of the person but of the act. Having promised these observations, I now assert, without the least fear of being contradicted by any one who unsaid to embrace some six thousand souls. derstands the doctrine and practice of the Catholic Church-

> 1. That a Catholic duelist, as such, must be held in abhorrence by every one who loves our are eternally at war. They have rec ived sin and has a due horror of an act whereof the

2. That the Catholic duelist, as such, proves h mself to be in reality a coward, according to other rootlets enough to live upon, and replant | jounds. They live in low, oblong, round- the true Christian meaning of the words cow-

> I am, dear sir, your faithful servant, † JOSEPH DIXON.

WHAT IS FIRE?-Boerhaave distinguished itself, and culinary fire, as joined with other The men are an idle set; the women do bodies, and excited by the former kind of fire to excite a vigorous habit. So, likewise, in all the labor. The latter are modest for in combustible matter. According to him, Indians, and have the reputation of being the first effect of elementary fire is heat. Heat Chinese pride themselves also on the shape of entirely virtuous; but I should judge from ap- is inseparable from fire. The measure of heat their miniature trees, they use strings, wires pearances that they will not long withstand is always the measure of fire; and that of fire, the love-making of the Californ'a Volun- of heat. The second effect of elementary fire teers. Among them are some fine forms, a is the dilation of all solid bodies and the ratifior to fashion their pets into odd fancy-figures. simple clout of cotton cloth around the loins cation of all fluids. On cooling again, it conmerely answering purposes of decency, while tracts and returns successively through all the rest of their persons are exposed in utter the degrees of its dilatation till it arrives at nakedness. They wear a profusion of beads, its first bulk, being never of the same magnidaub their faces with vermillion. and the eye- tude two minutes successively. Gold, when Then, too, the top and side-roots being lids and corners of their mouths with blue fused, takes up more space than before; mercu-

If, in a severe winter's day, we rub a plate fountain. The aged of the race, both of men ter, until at length they become red-hot and more and more stunted, the buls and rootlets lively, boisterous and playful as so many the plates lose nothing of their weight, but ba ance is established between every part of though infinitely superior to any Indians that Hence it follows that the particles of the gold I have seen, they are a benighted race, excit- have not converted the friction into fire. The ing only feelings of compassion for their bar- fire existed before, and all the effect of the friction is to collect and bring together a quantity thereof, before dispersed throughout But their wheat fields are an oasis in the the atmosphere. There is no making or prodesert. The land is a light alluvial clay, and ducing of fire de novo. All we can do is, if the Gila river through numberless ditches af- insensible, to render it sensible, to collect it out of a greater space into a lesser and to divide them up into fields of three to twenty direct and determine it to certain places .- All

New Catechism .- First class in philosophy

paper.

Governments in France for the Last Seventy Years.

The following extracts from the Gazette of

In a period of seventy years France has Sacramento river, has commenced the culti- tic. From the confluence of the Lara with period of 70 years there have been promul-France, for a longer or shorter period, the duction of which the law provides a premium, Chuquanaqua the line follows the bed of the of September 14, 1790; the C nstitution of Fructidor, year III.; the Senatus Consultum of the 16th Thermidor, year X.; the decree of the Senate of the 28th Floreal, year XII.; the Charter of 1814; the additional Act of 1815; Atlantic the distance is six miles. The the Republican Constitution of 1848; the Con-A soldier in Col. West's detachment of whole length of the projected canal will there. stitution, put forth by the President, of the California Volunteers in a letter from camp, fore be 35 nautical, or nearly 41 English 14th-22d January, 1852; the same Constituvember 7th, 1852, and the plebiscitum of January 21st-22d, 1852.

An Old Kentucky Nigger.

Davy's mistress sent him to market for some salsify, a delightful vegetable not much known at the North. He retured with a bundle of sassafras roots. "Why, Davy, I told you to get me salsify, and you have brought sassa-

Uncle Davy, some time afterwards, came to his master, who lived a few miles out of Louisville, and asked him to allow him to go and live in the city, at which his master was very much surprised.

"Why, Davy, what on earth do you want

to go and live in town for?" "De church wants me, Sir."

"What can the church want of you Davy?" "Well, massa, me will explain. De church has sent away down to Virginny for my pedigree, and dey say I'm one of the fus families in Old Virginny, and dey wants to buy me for a pasture or a sextune, or some such thing: let me go, massa?"

Davy's master thought he had better stay on the farm a while longer before taking orders.

New Reading of the Scriptures.

Mr. M. ---, of Moline, Illinois, has been a kind of preacher for some years. He at length got the notion that it was wring to make any preparation for his sermon, believing that his duty required that he should trust to the inspiration of the moment.

One Sunday when he was to preach at Moline, he walked into the pulpit and opened the Bible, as was his costom at random. He happened to open to the first chapter of Mathew, and began to read the second verse as fol-

"Abraham forgot Isaac; and Isaac forgot Jacob; and Jacob forgot Judas and his breth-

The old man seemed somewhat puzzled to find any application for this Scripture, but at length started abead.

"My frends," said be, "this passage of Scripture is meant to teach us the shortness of human memory, and it dose seem to me that

THE ART OF LAUGHING .- The man that laughs is a docter without a diploma; his face does more good in a sick room than a bushel of powders, or a gallon of bitter draughts. People are always glad to see him -their hands instinctively go half way out to meet his grasp, while they turn involuntarily from the clammy touch of the dyspeptic who speaks on a groaning key. He laughs you out of your faults, while you never dream of being offended with him, and what a pleasant world you are living in, while he points out the sunny streaks on its pathway.

PHOSPHORESCENCE. - Recent investigations instituted by Baron Von Reichenback tend to prove that phosphorescence is a usual consequence of all molecular action, and not merely the result of combustion or oxidation. Mr. Phipson proved the last point some time ago, when he showed that dead fishes shine in the dark, even under water, and in the absence of Thibits, what is life? Life consists of oxygen. According to Von Reichenback. there is phosphorescence during the fermenta-What is poverty? The reward of merit tion or putrefaction, crystalization, evaporagenius receives from a discriminating public. tion, condensation of vapours, the production What is religion? Doing unto others as of sound, and the fusion of ice! A considerayou please, without allowing the return of the | ble glow is remarked when a galvanic pile is in activity, a block of ice in fusion, or a What is fame? A six line puff in a news- selutation of sulphate of soda in the act of crystalizing is observed in the dark.