## THE DESERET THE DESERET NEWS.

gallery; these are the air holes and safety-stairs provided for the workmen in case of sudden inundation, and the tributary sewers connected with the blocks of buildings along the boulevard. You hear, occasionally, a sharp, quick report, like midsummer thunder. It is the noise of carriages in the street above as they pass these breathing-holes.

You see, coming down to meet you, a nondescript aquatic monster, wallowing and splashing in this mephitic element, as if it were born there and knew no the channel. I do not know whether to say boat or car, however; the amphibious creature may claim both names. It has wheels fitting the iron rails which border the cuvette over which it runs, and is furnished behind with a water- dy, or Merlau, the Running Burgundy, gate filling the moat and producing a and the White Green produce each foul waters of this under-realm the in- less than the Mission, but the berry is strument of its health and cleanliness. very fine both for wine and for the ta- cause and means; where open cuts are stances been sacrificed. It is proposed It is a strange picture-the group of ble. The Riessling. Black Cabrunet, the receptacle of flying snow-banks, to mitigate the evil by exempting forests staring visitors, their faces bright in the Traminer, Gray Burgundy and the they will be cheaply roofed in; where from taxation, and by legislation which the lamp-light which streams across the path of the anomalous thing, which moves on with a kind of sulky efficiency through the troubled and bubbling waters, like an awkward Saurian born of the slime and prime. The walls of most of the sewers are of Roman cement, or Vassy's patent, though of late there has been a great deal of use made of Beton's invention. The vast arches of the subterranean works of the Exposition Building are of Chasselas Fontainebleau ripens two or Beton. improvements is now going on in Paris. I am afraid to keep you in these damp places long enough to describe them in experience, the best grapes are the Golfull. All the foundations of Paris are to be honey-combed by these superb galleries, all connected with each other, Chasselas Fontainebleau and the White and all converging at the Place de la Concorde. From that historic neighborhood-which preaches forever its silent sermon to the kings of the eartha vast, general conductor conveys to the Seine all the leakage and fith of the imperial city. As far as the fortifica- juice so strong in its dark red color that tions the work is under-ground; from the city walls to the river is an open cut. The sewers of Paris, if stretched out in a straight line, would extend 200,000 yards. When finished according to the present plan, they will reach 400 miles. So perfect is the organization of the service that it comprises only about 200 workmen in ordinary seasons. We emerge into the upper air again by the church of the Madelaine, and the memory of the dark world we have

light white wine. The Black Burgun- away. per cent. less than the Mission, but are very fine for wine and the table. Schram because it is a better bearer, the muskiness of flavor is equally strong, and the grape is far better suited for making finally, the splendid tunnels now going wine, either alone or mixed with other in will carry the track through a large, W that they are undersold by none, and varieties: but the wine will not thrive portion of the distance brown super have still on hand an excellent assortment of varieties; but the wine will not thrive in places where there is any fog. The three weeks before the Mission grape, An enormous system of underground and all the others named above with the Mission. For light wines, then, in Schram's den Chasselas, the Burger, the White Renish Muscatella, the Riessling, the Green; and for red wine, the Zenfenthal, the Black Malvoisie, the Black Burgundy, the Running Burgundy, Black Cabrunet and the Traminer. The Teinturier (French for dyer) thrives as well here as in France. It produces a a few grapes are enough to color a barrel. The berry is worthless for any purpose save coloring the wine of other grapes. White Nice (called also the White Lisbon,) White St. Peter's, White Tokay, Black Hamburg, Rose of Peru and Flaming Tokay bear well and are good for the table, but cannot be recommended for wine. The Catawba and Isabella, when pruned long and trained up carefully on arbor or trelliswork, bear well, and their grapes are sweeter and have more of their peculiar flavor than in the Eastern States. They suffer under short pruning, and should trained long they shade the others and injure them. The Black Morocco, the Napoleon and Muscat of Alexandria are fine table grapes, but do not set or ripen CHURCH.-An Albany correspondent well. Schram plants his vines in rows seven feet apart and three and a half feet apart in the rows.

dozen insulated telegraph-wires. At in- the age of the vines, the soil, the sea- of the Sierra Nevoda, as elsewhere, that MICHIGHN.-The subject of preserving tervals you see two species of vaulted son, the style of pruning and cultiva- the ordinary currents and the snow the magnificent forests of Michigan is chambers communicating with the vast tion; but the avarage yield of good vine- drifts have their special, well-beaten engaging the serious attention of the yards six years old is nearly 1,000 course, from which they deviate but Legislature of that State. Its forestgallons to the acre. The German, or little. Except by drifts the track of the wealth once greater than that of any Golden Chasselas, bears as well as the railroad has never been seriously ob- other State, is tributary to so many lum-Mission, and the berry is excellent structed. Where lying on level ground, ber markets that it is rapidly disappeareither for white wine or for the table. with no mountain peaks to turn drifts ing. Such vast tracts have been stripped Schram thinks it the best of all the upon it, enough snow never falls be- that, in the opinion of scientists, cliwine grapes and superior to the Zenfen- tween trains to hinder the cars on regu- matic changes injurious to vegetation tal, which is its equal in hardiness, lar time. Wherever it was possible, in have been induced. Crops have been productiveness, and makes a red wine, following ridges, the track has been deteriorating for many years, and it is thought by some persons to be the best. made to have a southern exposure; and plausibly argued that this is owing to The latter grape is said by some persons in that situation, with trains passing despoilation of the wood-lands. The to be the same as the Black St. Peters, every six hours, no amount of snow-fall increased severity of the winters, by Black Nice and Purple Damascus. The would make an impediment. Where which fruit trees have been killed, and other. It is one of the boats for clearing Black Malvoisie, or Pinaud, bears as the track lies along the mountain's the diminution of fertilizing rains are much as the Mission, and is excellent slope, a plow with one mold-board, si- are also attributed to this cause. Eurofor wine. The Burger, called also the milar to that employed on farms, will, pean experience is said to confirm the Alva or Butchero, also equals the Mis- with a good steam force behind, throw idea that the destruction of forests tends sion in yield, and makes a splendid the snow so as to land many yards to sterility, while a restoration of them

> cient, the road will be kept open by such of the natural yield had in some in-White Rhenish Muscatella yield forty on a long sweep of level ground the snow is lodged by the winds which turn of timber in fences. it from the mountain peaks, a side wall prefers the last named grape to the will be put up where that will answer, Muscat of Alexandria for the market, to break the current; where it will not, a trestlework open wall on each side of the track will support a plain roof; and portion of the distance known super- choice merchandise consisting of ficially as within the "snow line."

of gas, and a smaller pipe containing a duce to the acre depends partly upon It is found on and about the summit PRESERVATION OF THE FORESTS OF renews the fruitfulness of the earth. Nothing in the nature of the country From the clearing of so large a section through which it passes assumes the of timbered lands the cultivated dispressure of water behind the car which about twenty per cent. less than the shape and dimensions of serious hin- tricts have been more exposed to the forces the whole machine forward, stir- Mission, and all are excellent both for drance to the completion of the Central blighting winds. The loss to the wheat ring up and carrying on the mire and the table and for wine. The Chasselas Pacific Railroad. Where southern ex- crop in one winter from this cause was sediment of the sewer; thus making the Fontainebleau yields thirty per cent. posures, with side-hill plows are suffi- estimated at \$5,000,000. Three-fourths

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THE SUMMIT TUNNEL.—The Pacific Railroad people, says the Sacramento Bee, are making wonderful progress on the summit tunnel. Some personseven engineers-calculated that this great work would require three or four years for its completion; and so it would in other countries, or if it were under the hands of go-ahead Californians, tunnel time is annihilated. The tunnel is 1,660 feet long. It was begun in September last, at four points-on the east and on the west ends, and two other faces were created by a shaft in the center. Thus there are four faces, with three set of hands to each, or twelve sets of all. Each set works eight hours, and the work goes on night and day; and now, on the first, in the present month, of all these 1,660 feet, there were but 681 feet remaining to be cut! The progress last week was sixty feet, and GREAT INDUCEMENTS at this rate the tunnel will be completed by the middle of August next. By measurement, on the 1st instant, there were but 346 feet in the east heading, making, as before stated, 681 feet in all

will remove the necessity for large uses



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THREE-YEAR OLD

MILL MEN,

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## left fades in the cheerful light and hurry of the boulevard. - Northern Lights. THE BEST GRAPES FOR WINE.

The Alta gives the following information as the result of a conversation with with an experienced grape-grower:

Wine-growers have been anxious to ascertain which grapes are best suited to make wine in California, and heretofore there has been no agreement among them. Most of them, as a matter of prudence, planted the Mission grape; and others, who could afford to take risks, were too busy with other matters, and many were not sufficiently well versed in the business to feel confidence in their experiments. We have lately had opportunity to converse with Schram, an intelligent wine-grower of Napa Valley, who has communicated his experience to us in conversation, and we state them in this paragraph:

His vineyards are situated in the mountain, 500 feet above the level of the creek, 25 miles by the road from Napa City, on the western side of the valley, the exposure to the east and southeast. One vineyard is on a slope too steep for the plow; another is nearly level. The soil is red gravelly clay, with as much moisture as grapes need. In other lo- line have been able to watch the course division of the churches, in which we calities different results might be obtained.

bearer, lacks flavor, and does not de- conformation of the mountain; turning growing out of the jealousy between the MULBERRY TREES serve to be made the main stock of the it to that particular point; whether the rich and the poorer members, the result FOR SILK RAISING; ALSO, LARGE vineyards. Though an excellent bearer current is the same in several storms, of which has been a seccession of some and a hardy vine, there are other varie- so as to furnish a guide for erecting pro- members and the raising of \$20,000 by ties which are equal to it in those re- tections to the track. All these things the remainder to pay off the church LOCUST TREES, spects and superior to it in other points have been carefully watched through debt, thus showing that spunk will FOR SHADE. not less important. The quantity of the principal and five considerable sometimes accomplish more good than menquire of W. C. STAINES, VIII ALLES IN CONSIDERATION OF THE PRINCIPAL ALLES IN THE PRINCIPAL ALLES INTERPRINCIPAL can be obtained by a better cause. wine that the Mission grape will pro- storms of the past winter. \$29&w15-2m

## THE CENTRAL PACIFIC RAIL-ROAD IN WINTER.

The Virginia Trespass has the annexed in regard to the progress of this company and its winter experience near sacramental wine in which their horthe Summit:

toward the sunrise, and the great shelves tract against the unholiness and sinfulin the rocky sides of the mountains are ness of beards in general and mustaches

est drifts of snow lodge; what direction churches without. Trouble has arisen The Mission vine, though a great they come from; what is the particular in one of the Presbyterian churches

to cut. And so in the space of eleven not be planted with other vines, for if months from the period of its com-East Temple Street, G. S. L. City, mencement will this tunnel be finished 

> A MUSTACHE DIVISION IN THE tells of an amusing church trouble among the Methodists there.

There has been quite a breeze stirred up here in the religious world. The TO Methodists have been greatly exercised TO Methodists have been greatly exercised on the mustache question. Several weak brethren have had their stomachs seriously disturbed by partaking of the rible brothers have moistened an offend-The railroad people are making excel- ing mustache, and to get rid of the bile lent progress. Tunnels are working on thus resulting, they fulminated a fierce lengthening out as fast as sturdy hands in particular, and distributed it in all and nitro glycerine can break the way. the pews Hence a war in the church The company has kept close vigil through at first, and then in the newspapers. the snow line the past winter; and what Some of the brethren took the ground DESERET NEWS OFFICE. prove to have been a happy one for the who could raise them, and that as our railroad company, and in that respect Savior wore both the beard and mus-an advantage to the people of this coast. tache when he instituted the Lord's SILKI SILK! SILK! The advantage derived by the railroad Supper, it could not be so very sinful. company from the severity of the past The warfare, however, still goes on, winter is in this: The men along the and will probably result in a further of the wind currents; where the heavi- shall have churches with whiskers and