#### Wood Train Wrecked.

The regular Sunday wood train on the narrow gauge that left Portland at 8 o'clock Sunday morning, met with a erious accident when two miles north of that place, and approaching a treatle over a spring branch which runs into Sucker lake, Conductor Kennedy, who was on the engine, noticed a large tree which had been blown across the track during the night. Engineer Miller saw the tree at the same time, and being so lose to it that it was impossible to stop he train, he shut off the steam and both non jumped off and escaped uninjured. The fireman, John Hobenleitner, did succeed is jumping off. The enine struck the tree, which the passenbroke it in two. It pushed the maids and passed through, leaving ck, and a moment later struck watle across the branch which bt 16 feet high and 150 feet o great was the impetus with the locomotive struck that it ed some of the ties together over he side, the seven flat care attached owing, while the caboose went off on e other side, making a complete revotion and landing right side up with ach force that it was burst completely pieces. The passengers were thrown rom one side to the other of the car as It rolled over, crashing against each side n turn and landing in a beap on the bottom. The locomotive was badly mashed and went half way out of sight the mud. The brakes having been applied at the rear of the train, the seventeen flat cars behind the raboose emained on the track.

The Southern Pacific officials were otified of the accident immediately after it occurred, and several surons were sent to the scene in a special Strain. They dressed the injuries of the Spansongers, and liberated the fireman, John Hohenleitner, who had been caught under the engine and flat cars, and dangerously hurt, baving been scalded by the hot water from the boiler, and injured internally. He was taken to Oawego, where his parents live, and left at their home: The others were taken to the Portland hospitals.

Coroner R. L. Holman was called to Oswego on Monday to hold an inquest upon the remains of John Hobenleitner. who died from his injuries the previous night, Dr. O. Yeargain accompanying him. The jury impanneled consisted of J. W. Hannis, G. W. Prosser, J. W. Thomas, T. J. McFarland, Joen Bolt and F. S. Morrell, After viewing the body and the scene of the accident they returned a verdict in accordance with the facts, that the man came to his death through the criminal neglience of the ampany in not having a track walker o over the road on Sunday, especially following so severe a storm. Proscollar died in Portland on Tuesday and Brandes is still in a critical condition from internal injuries.

#### A Voluminous Document.

County Clerk Geo. F. Horton has received a document two feet by three bearing the signature and seal of the bottom material in position. county is raised as follows: City, village and town property, 30 per cent; mortpages 100 per cent, railroad lands 15 cents per acre, agricultural lands 77 cents per acre, O. & C. R. R. \$350 per mile, P. & W. V. R. R. (narrow gange) \$200 per mile, telephone and telegraph lines etc., 10 per cent, cattle 10 per cent, horses and mules 10 per cent, sheep and goats 70 per cent, swine 150 per cent, improvements 30 per cent, merchandise Clerk H S. Strange began the task of figuring out the increase in each item of the assessment yesterday. By the time he finishes that extensive task be will probably be a sadder man.

#### The Euphony Club-

Among the city's recent organizations into prominence, many of the members having belonged to noted similar organizations. The club has for some time been meeting twice a week for rehearsals under the efficient leadership and instruction of Dr. Emil Schubert who ranks high among trainened violinist, Prof. Flacke, b f coronet, C. Michael dib b f bass, Chas. Wrinkle claironet, F. Wourms first violin, J. Friderick second violin, M. Joustin, violin A. Friederick, cello, J. Fitgerold trombone, J. Pollanz, tymday evening January 27

#### Teacher's Examination.

Notice is hereby giving that for the arpose of making an examination of all persons who may offer themselves as as it perfects it. ch. idates for teachers of the schools of this county, the county school superintendent thereof will hold a public examination at the court house in Oregon City, beginning February 8 1893 at 1 o'clock p. m. Those desiring to apply for state certificates or state diplomas will apply February 9, 1893, at 9 o'clock

Dated this 19th day of January 1893, H. S. Grason, School Supt. Clackamas county, Oregon.



NOTES ON WINDOW PLANTS.

Suggestions Made by a New York Florist

in Popular Gardening. One of the best window plants is always the fuchsia. Bpeciosa, Lord Byron and Beaconsfield are good sorts to select, as is also the old Rose of Castile. Callas, kept all summer dry or at rest, will start with the greatest readiness. Keep them always abundantly watered, and give them strong light. Geraniums, on the contrary, must not be overwatered. On the whole, there is nothing finer for windows in winter than primroses, These like wood earth and sand. A collection of the bouvardia is very pleasing.

The old China roses are fine for win-Hermosa, Catherine Mermet and Madame Watteville are good; so also the glorious Papa Gontier. Agrippina and Louis Philippe are two fine old sorts that will bloom well in pots. For back seats, away from the full light, you need begonias and ivies, the latter to twine about to cover bare places, One of the very best of all window plants is the Hoya carnosa or wax plant. Plant in strong soil, set up on a high shelf, seldom repot and train it by tying

under the ceiling.

The very best bulb for the window is the Freesia, which requires potting in very rich earth. The morning glory and the Tropecolum or nasturtium make easily grown vines and bloom delightfully. Sow the seeds, and they are soon on the climb and in full bloom.

Substantial Greenhouse Benches.

We here reproduce from The American Florist two styles of substantial greenhouse benches. In Fig. 1 the rails used were light T rails, such as are used on some street car lines. The cross pieces





are of the same sized rail, only placed right side up, resting on the top of the front cedar post, and mortised into the other cedar post at the back. The three rails that run lengthwise are placed bottom side up, so as to allow a broad flat surface for the slats or other bottom material to rest on. The rails are held in proper position by pieces of board cut so it is necessary to hold them in place only long enough to get the slates or other

secretary of state and which gives an The cedar posts are sunk eighteen abstract of the work of the state board inches in the ground and are placed eight under this method the wood dies slowly of equalization. The assessment in this to twelve feet apart. The side board is and without decomposition of the tisheld in position by galvanized iron strips, suc which pass through two slits in the board and clasp around the outside rail. These are placed four feet spart. This is the weakest point about this style of bench. The rest is as solid as a rock. For the center benches the same system is followed, the rails being placed at a proper distance spart to suit the size of

The second figure shows a style of bench used by a florist in Minneapolis. Two pieces of large angle iron about 3 by and implements 10 per cent, rolling 3 inches run lengthwise of the house on stock on railroads 10 per cent. Deputy brick piers set down about eight feet apart, and for the bottom short boards are placed crosswise. The illustration is sufficiently plain without further de-

scription.

New Sorts of Currants and Gooseberries. Mr. J. T. Lovett says: "Fay's Prolific is a success with me and I hear none but good reports of it from any quarter. North Star gives promise of being a valis an orchestra which is rapidly coming uable variety, especially for the market grower. Black Champion is an improvement upon the old Black Naples, The berries are larger and produced in greater abundance. I am told it is of better quality. The Crandall has some merit for culinary purposes. It is of strong growth, exempt from the attacks of insects and disease and very prolific; musicians. The roster of the club is as but the fruit is too harsh and austere to follows: Dr. Emil Schubert, leader and be acceptable as a dessert fruit. The berries are exceedingly large, almost equaling in size the Delaware grape and are decidedly attractive. The claim that a good jelly can be made from it is founded on fact, as I can bear witness.

The Industry gooseberry has not proved the success with me that it has ana and triangle. The club will give in many other places. In Monroe county, grand ball at the armory hall on Fri- N. Y., and upon the Hudson river it is giving the greatest satisfaction. I also saw it fruiting in perfection in Atlantic county, N. J., the past season. Although the best of the foreign varieties I have yet tasted, it loses its leaves prematurely and fails to ripen its fruit quite as often

A Beautiful Regonia.

Begonia Glorie de Sceaux is a distinct and beautiful warm greenhouse plant. It is distinct from any other known variety, and is one of the most valuable sorts of recent years. It is a wonderful flower producer during winter. Its man-ner of growth and foliage are all that can be desired, the leaves being of a dark bronsy plum color with a metallic luster. The bloom is borne in large, compact trusses, the florets are large and perfect in outline, and in color a delightful shade of pink.



EFFECT OF WIND ON TREES.

The Repressive Effects of Cold Wind Upon Tree Growth.

Trees which grow in exposed situations have their tops always leaning away in the opposite direction from the prevailing winds, and the casual observer concludes that the branches have been bent by the constant pressure of the wind and retained their position. Now, although such trees have the appearance exactly of trees bending under a gale, still it is not pressure in that way which has given them their shape. The fact is, they have grown away from the blast and not been bent by it after they grew. Examination of the branches and twigs will show this. We hardly realize the repressive effects of cold wind upon tree growth, which it partially or altogether arrests, according to its preva-

Conifers show the effects of this more distinctly than other trees. Owing to the horizontal habit of growth of the branches they point directly in the teeth of the gale from whatever direction it comes, and cannot, like the oak, lean over and grow in the opposite direction; hence coniferous trees growing in exposed situations produce good long branches on their lee side, while on the windy side the branches retain their rigid horizontal position, but make comparatively little growth, which is simply suppressed. One instance in substantiation of the foregoing was a Nordmann's spruce, growing in a position fully exposed to the north and south. One branch on the north side of the tree had fifteen annual nodes or growths and was seven feet long, and its opposite had the same number of nodes, being of the same age, but was nearly 0; feet longer, or 9; feet, and all the lateral branches were pro-

portionally long and well furnished. If such a difference as that recorded above is found between the branches of a single tree standing alone in the open, of how much more importance is shelter to all kinds of tender trees and shrubs. When damage is done to trees by frost it is done suddenly, and we see the effects Farm. and are struck by them, but except in the case of subjects killed outright or greatly damaged, it is probable that injury to trees from frost is almost nil compared to that worked by cold winds. These considerations should influence every one who contemplates planting, whether it be woods or single trees, but in either case it cannot be doubted that the more dense and loftier the inclosure. whether by means of belts or trees or hedges, that protects plantations of any kind from cold winds, and the hardier the subjects used for cold positions, the

Instructive Points on Grape Culture.

It is announced that a French grower has discovered a new method of pruning the grape. The cut is made at the node above the point where it is intended the end of the wood shall eventually remain, at the same time destroying the bud found there. The stump thus left is reas to fit in the spaces between them. But moved the following year, when the death is complete and when at its base a collar has been formed, which soon closes after the dead wood has been removed to its level. The theory is tha

> The practice of changing crops more or less systematically has always been found advantageous, and various the-ories have been offered explanatory of the principles upon which the benefits of rotative cropping depend. The same results have been found in the culture of superintendent of grounds and gardens at Washington, who has for a number of years experimented in this matter.

> > Wintering Monthly Roses

The monthly roses are only half hardy, and consecuently are likely to be winter killed when the thermometer falls 35 degs, below the freezing point, The best way to protect them, according to excellent authority, is to bend the branches down and fasten them securely within two or three inches of the ground by tying them to stakes driven for that purpose, or if close enough they may be to each other. Then spread dry leaves or rough litter over them to a depth of say six inches. This should not be done, however, until severe cold weather sets in, so that nearly all the leaves are off the plants and they are thoroughly ripened, which is usually about Dec. 1 in the latitude of New York state. This covering should not be taken off until all danger of severe frost is over, say about April 1.

Numbered with decorative plants of decided value is the palm Dracæna ludivisa, depicted in the accompanying illus-



DRACÆNA LUDIVINA, OR FOUNTAIN PLANT. This attractive palm has gained by its graceful drooping habit the popular name of fountain plant. It is frequently employed for the centers of large rases and baskets. Draceena ludivisa is doubly valuable, for it is not only well adopted to indoor culture, but is one of the most desirable of plants for beds in the open ground.

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#### About Your Sewers.

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A. W. SCHWAN, Prop.

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The ENTERPRISE will be made of special interest to its readers during the next few months The proceedings of congress, now in session, in view of the present political complications, will be of vital interest to all. A special effort will be made to report them in full for the ENTERPRISE. The Oregon legislature, in session during January and February, promises to be of unusual interest. The most important legislation and radical changes in the laws of the state, attempted for years, will be enacted this winter. Every resident of Clackamas county should keep himself posted as to what is done. The ENTERPRISE will have an experienced reporter in attendance during the entire session, and complete reports will be given each week of all bills introduced, including the publication of those of interest to Clackamas county, and a report of the speeches and votes of our senators and represen-Buy your paints and oils, windows tatives on all important measures. No county paper in the state will give the legislative news as complete as the ENTERPRISE.

As a local paper the ENTERPRISE has few equals in Oregon. Its corps of correspondents cannot be excelled. It gives the county news, city news, circuit, probate and county court and city council proceedings, real estate transfers, correct market reports and a synopsis of the news of the state and nation. Send 25 cents in coin or stamps for a trial subscription. Paper promptly stopped at expiration of subscription unless otherwise ordered.

#### Society Directory.

OBEGON CITY BOARD OF TRADE. Meets at Court House on Second Monday is sub-month. Visitors welcome. F. E. DONALDON, HARVEY E. CROSS, Secretary. President. CASHY BOARD OF TRADE.

Moets at Kutghts Hall, Camby, on first and third Priday of each month. Visitors walcome. 8 J. Garrison, Sec. Ww. Knight, Pres. 

FALLS ENCAMPMENT, No. 4, I. O. O. F. Meets first and third Tuesdays of each month, at Odd Fellows hall. Members and visiting patriarchs, cordially invited to attend.

L. B. Janney, J. W. O'Conseri, Scribe. Chief Patriarch.

OSWEGO LOLGE, NO 93, 1, 0, 0, F
Meets at Odd Fellow's ball, Oswego, every
turday evening. Visiting brethren made
drome. G. W. PROSSER, N. G. welcome.
J. F. RISLEY, Sec.
MEADE POST, No. 2. G. A. R., DEPARTMENT OF OREGON.
Meets first Monday of each month, at K. of P. Hall, Oregon City. Visiting comrades made

GILMAN PARKER, Commander.

GEN. CROOK FOST, No. 22 G. A. E., De art-ment of Oregon. Meets in school house at Needy on first Sat-riday in each month at I o'clock p. m. All comrades made welcome Jacus Frontz, J. Karstaden, Adj. Commander.

PIG IRON LODGE NO. 185, A. O. U. W. Meets every Thursday evening at Odd Fellows hall, Oawego. Visiting brethren always wel-come. J. U. Campunii. R. STRAUSS, Recorder M. W. R. STRAUSS, Recorder

MOLALA LODGE, No. 114, A. O. U. W. ets. First and Third Saturday in caunth, at Adams hall. Visiting members madicome.
T. S. Stiff, M. W. J. W. THOMAS, Rec.

Meets last Saturday of each month at their tall in Wilsonville. R. B. HENTY, Miss BEDA SHARF, Sec'y. Master.

WARNER GRANGE, No. 117, P. of H. Meet fourth Saturday of each month, at their hall in New Era. C. C. Williams, Master Miss Maggie Brown, Sec'y

BUTTE CREEK GRANGE, No. 82, P. of H. Meets at their hall in Marquam, second Saturday in each mouth at 10 a. m. Visiting members always welcome.

J. E. JACK.
Secretary

J. R. WHITE,
Master.

MOLALLA GRANGE, NO. 40, P. of H. Meets at their hall at Wright's Bridge on the second Saturday of each month at 10 a. m Fellow members made welcome.

N H. DARNALL, Sec. GAVEL LODGE, NO. 35, A. O. U. W.

Meets second and third Saturday evenings at Knight'st hall Canby. Visiting brothers made W S GRIBBLE, Recordeor. O L Barlow Masterworkman

For freight or passenger rates CLACKAMAS LODGE, No. 57, A O. U W. apply to dock clerk at Portland or on board stamer.

Meets first and third Monday in each month, at Straight's Hall Visiting brethern welcome H. S. Girson, L. D. Jones. M. W.

> FALLS CITY LODGE OF A. O. U. W. Meets every second and fourth Friday even g of each mouth in Odd Fellows' building All sojourning brethren cordially invited to at tend. F. T. Barklow, M. W. GEO CALIFF, Recorder.

ACHILLES LODGE, NO. 38, K. OF P. Meets every Friday night at the K. of P, hall. Visiting Knights invited CHAS. ALBRIGHT, JR., C. C. J. E. RHODES, K. of R. and S.

ST. JOHN'S BRANCH, NO. 647, C. K. of A. Meets every Tuesday evening at their hall corner Main and Tenth Streets, Oregon City.
MATT. JUSTIN, Secty. T. W. SULLIVAS, Fres.

Meets first Saturday in each mouth at their hall in New Era. Friends of the cause are in-vited to be present. Mrs. Caray Johnson, Mrs. Eastnan, President.

NEW KRA W. C. T. U.

CANBY LODGE, NO. 364, I O. G. T. Meets first and third Saturday evening a Knight's hall Canby. Visiting members alway made welcome. H. C. Gilmork, W. C. T. MILLARD LEE, Sec.

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E. D. Baker Camp, No. 18, meets every first and third Thursday evening of each month C.A. HERMANN, Jr., Capt. WARD B. LAWTON, ist Lieut. C. F. Buckles, 2d Lieut.

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