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NEWBERG GRAPHIC.

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PACIFIC COAST NOTES.

Matters of Local and General Interest Gathered from All Sources for the Benefit of Our Readers.

Firewood is scarce at Fresno.
Walla Walla has a postal delivery.
Riverside, Cal., has paid all its city taxes but \$75.
Colusa has four and a half miles of graded streets.
Newcastle's fruit shipment this year was 5,000 tons.
The county hospital at Visalia was burned recently.
The population of Washington territory is 240,140.
The penitentiary at Walla Walla is lighted by electricity.
An olive tree in Tulare has grown eight feet since last August.
Timber claims are being rapidly taken up in Mariposa county.
An apple orchard in Lassen cleared \$6000 the past year from 1000 trees.
Packers are offering at Riverside \$3 a box for navel oranges on the trees.
There were erected at Tacoma last year 1014 houses, valued at \$2,459,572.
The windstorm last week brought down a good many trees in the Mendocino woods.
Yuba county is shipping apples to southern California and sending oranges to the north.
A flume 35 miles long will bring lumber to Selma, Fresno county, from the Giant forest.
The output of gold, silver and copper in Montana the past year is put down at \$60,487,000.
At Walla Walla a dense fog prevailed during the eclipse and at 2 o'clock lamps were lighted.
The police of San Diego is condemned by a committee of the city council as corrupt and inefficient.
S. W. Reed, of Fresno, picked 30 pounds of Flaming Tokay and Emperor grapes from his vine the 1st of January.
Delegates met at Ellensburg, W. T., on the 31 of January and began the work of securing statehood to the territory.
Large plantings of shad and speckled catfish will be made in the streams of Utah next June by the U. S. fish commissioner.
The first ear-load of Oroville oranges was received in Sacramento last week, and two car-loads were being packed at Oroville for shipment east.
N. J. McConnell, chief justice of Montana, has forwarded his resignation to the President, finding the duties of the office too burdensome.
The Teachers' convention which closed at Sacramento recently, recommended kindergarten instruction and the admittance of children four years of age.
The new Brotherhood of Railway Conductors, organized at Los Angeles some weeks ago, is said to have in special view revenge on the Burlington Railroad company.
San Bernardino's grand jury report condemns the county court-house as inadequate and the jail as a disgrace to decency. Slack business management of county officials is also condemned.
This approach of the Southern Pacific railroad toward San Luis Obispo, is giving quite an impetus to travel. The road was completed to Santa Margarita, ten miles distant, and trains running on the 5th of January.
At Bakersfield there is a field of alfalfa from which five cuttings were obtained the first year, and "the ground was so thoroughly impregnated with alkali that the surface is white with the salt."
A flock of nine mountain sheep has recently been seen among the cliffs of Stein mountain, Elko county, Nev. A patriarch of the flock is reported to be as large as a Spanish mule and his horns resemble the gnarled roots of an old cedar.
The lumber cut of Washington Territory the past year was 700,000,000 feet, valued at \$9,000,000. Of this amount, Puget sound cut 450,000,000 feet and shipped by ocean 340,000,000 feet, valued at \$3,700,000. The foreign lumber shipments were \$1,200,000.
Richard Hall, of Dixon, a well-known citizen, early Tuesday morning of last week, while going home from Sacramento, heard the whistle for his station, rushed while half asleep from the car, and stepped off while the train was in motion. He was seriously injured.
Portland shows great progress. Her wholesale and retail trade in 1888 footed up between \$90,000,000 and \$1,000,000,000, compared with \$75,000,000 in 1887 and \$42,000,000 in 1886. The manufacture of the city and vicinity aggregate nearly \$14,000,000, and the value of buildings erected \$3,500,000.
David Hart, a blacksmith and training with the Salvation army at Portland, took morphine and told the sum-moned physician that he had had the drug for two years, but had not had the courage to use it before. He said he wanted something given him to make death easy, and when asked why he didn't jump in the Willamette river, he said he did not know how to swim.

MISCELLANEOUS ITEMS

A Brief Mention of Matters of General Interest. Notes Gathered from Home and Abroad.

Gladstone reached his 79th birthday recently.
A rebellion has broken out in Upper India.
The King of Wurtemberg is in feeble health.
The opera-house of Tyler, Tex., was burned last week.
The Pope last week celebrated the close of his jubilee year.
Minister Phelps will return from England in a few weeks.
Germany does not propose to increase its artillery strength.
The Bulgarian sobranje has granted amnesty to political refugees.
The wife of Major General Schofield died suddenly recently of heart disease.
Collector Hager suggests that the duty on opium be reduced to \$5 a pound.
The date for the Gwedore evictions in Ireland was set and carried into effect on January 2d.
Dr. Carver attempted to break 60,000 glass balls in six days at Minneapolis, last week, but failed to accomplish the feat.
Princess Adelbert, of Bavaria, was seized with hysterics in the Berlin Opera house last week. It is believed that she is insane.
The badly mutilated body of a German was found in Fairmount park, Philadelphia, Sunday. Much excitement was created.
It is stated that further papers relating to the Sackville affair are about to be given out for publication by the British government.
An escaped Soudanese has offered to bring in General Gordon's sword, clothes and papers, which are said to be hidden near Berber.
At the close of a sparring exhibition at Brooklyn, N. Y., last week, a panic occurred and a score or more of persons were injured.
A large gathering at Liege, Belgium, recently, adopted resolutions favoring the restoration of the temporal power of the Pope.
The daughter of Lawrence Barrett, the actor, and Joseph Anderson, a brother of Mary Anderson, the actress, were married in Boston January 3d.
Johnston Hatfield, the worst of the whole Hatfield gang, in West Virginia, and a ferocious desperado, died last week in Lawrence county, Kentucky.
Slaven, of the American Dredging company, it is stated, assures DeLesseps that he can finish the second section of the Panama canal in twelve months.
F. W. Smith played Santa Claus at his home at Danville, Illinois, Christmas, and enveloped himself in cotton batting, which caught fire and he was fatally burned.
Robert Bonner's famous stallion Starline, the sire of many celebrated trotters, including Majolica, with a record of 2:15, died in New York last week, aged 21 years.
Governor Marble, of Maine, has appointed James G. Blaine among the other commissioners to attend the Centennial celebration of Washington's inauguration in New York, April 30th.
A Christmas gathering at East Prospect, Penn., was thrown from the second to the first floor of the building which had suddenly collapsed. Numbers were bruised and cut, but none seriously.
The London police believe that they are on the right clew to the author of the Whitechapel murders. They have succeeded in locating him in the vicinity of Drury Lane, by tracing letters written by him.
Ira Payne, the American gun expert, now in Paris, asserts that he has discovered a process for the manufacture of gold from an alloy of silver and copper, and is trying to raise funds to start the proper works.
The Ottawa board of trade has petitioned the Dominion government to grant a subsidy to a fast line of steamers from Quebec to Liverpool. The desire is compete with the New York and Liverpool steamers.
Pierre Beauron who was supposed to be dead and whose sisters had been appointed to administer his estate, turned up at Shohola, Penn., the other day and secured orders revoking the letters of administration.
An explosion of gas caused great damage in Boston, recently. Two men were blown 20 feet in the air and Fort Hill square and adjacent buildings received a terrible wrenching. The explosion tore the street up.
The unofficial list of representatives-elect, recently published, shows that 20 Republicans were elected from the following Southern States: Kentucky, 2; Louisiana, 1; Maryland, 2; Missouri, 4; North Carolina, 3; Tennessee, 4. Of these 13 are now members.
The loss of life so far by the burning of the steamer Hanna, near Plaquemine, La., on the Mississippi river, is placed at 24. Of the injured men in the hospital four or five will die. The flags of the steamers in the harbor of New Orleans have been placed at half-mast.

THE AGRICULTURALIST

News Notes Concerning the Farm and of Especial Interest to the Pacific Coast Husbandman.

Be certain that there is plenty of water where the cows are turned out to pasture. Clean, pure water is indispensable to the milk cow.
Never wait for rain when you have a crop under cultivation. Keep right on cultivating and you will be surprised to find how your crop will stand the drought.
Many farmers in western New York gave up the wool business as unprofitable long ago, but still keep sheep, and say that keeping the mutton breeds is one of the best paying branches of farming.
Tramping upon the hay in a barn often causes horses to refuse it. To pass from the barn-yard into the barn and walk over the hay leaves odors which are quickly recognized by the animals when such hay is fed to them.
Chopped clover-hay scalded is a cheap and excellent food for hogs, and they will thrive on it while growing, with but little grain. Bulky food is necessary for the distention of the stomach, and there is nothing so nutritious for that purpose as the scalded clover.
The price of onions is lower this year than for some time past. This is due to a large increase of area planted throughout the east, and to an unusually large crop; the insects and diseases that usually attack the onion having been far less prevalent this year than usual.
After winter grain is sown there is yet time to remedy defects of soil and exposure. If there is a knoll in the field it is probably the poorest part of the lot, and one or more loads of manure distributed over it will have a wonderful effect, not alone upon the grain crop, but on the grass seedling.
Good cider vinegar is always saleable, and it pays to convert the surplus apples into cider for the purpose of making vinegar. The artificial vinegar cannot be used for choice pickles and other purposes for which good cider vinegar only is adapted, and does not, therefore, largely compete with it.
Don't try to crowd 50 hens into a poultry house suitable for only 25, as the larger flock the fewer the eggs, proportionately, unless they have perfect accommodations. As a rule small flocks give a larger profit from the same outlay than when numbers are kept that cannot be properly provided for.
Parsnips, salsify and horseradish can remain in the rows where grown, as freezing does not injure them. If they are covered with litter, however, it will prevent sudden thawing around them in the spring. It is too much warmth that does injury in winter to such crops, rather than cold. A few warm days in winter may be more detrimental than beneficial.
The first signs of disease in a flock should prompt the herdsmen to at once remove all animals not affected to a new, clean location. It is better to kill an animal that is suspected of having a contagious disease than to attempt a cure. Delay is dangerous. Precaution in the beginning is better than any work that can be done in attempting to effect a cure after the disease secures a hold.
Most farmers who give no particular attention to horses usually drive with a loose rein. This is well enough with the "old family horse," in whom you have perfect confidence. It is never safe, however, with a young and spirited horse. Never drive such an animal with so loose a rein that you cannot instantly command the situation, whatever happens.
Pork made from a considerable portion of apple diet is peculiarly sweet in flavor. Hogs will fatten more rapidly on sweet apples than sour, if apples are principally depended upon; but if grain is fed with apples the sour will do even better than the sweet, as the acid will assist in the digestion of the grain. It would be better to feed corn for a few weeks before killing, to harden the pork.
In California turkeys are raised in flocks numbering several thousand. They are placed in charge of a herder, who drives them as he would a flock of sheep. They range over miles of territory in a day, and live almost entirely by foraging. When the grain is cut and harvested the turkeys are carried into the immense wheat and barley fields and the birds do the gleanings and become fat and ready for market at very little cost.
One article of food cannot supply all the necessary sustenance, because it may lack some of the essential elements and is sure to have some in insufficient quantity. A normal appetite, that sure guide to the wants of nature, craves a variety of foods. It is not necessary to make the ration costly; a little thought will provide a variety in the ration and without greater cost. As to regularity in feeding, it has been amply demonstrated that animals do not thrive so well when fed irregularly as when they get their food at certain seasons.
A practical dairyman gives the following reasons why he was more successful with his cows than his neighbors were: "I'll tell you," said he, "it all depends where a man looks when he feeds his cows. My neighbors all look at the feed; consequently, they easily learn to scamp the cow all they dare to. When I feed I look at the cow just as I would any machine I was feeding it. You want to watch the machine and not the feed. It is a

mighty easy thing for a farmer to get stingy feeding a cow and beat himself out of dollars in trying to save cents."

Among the many purposes to which old wagon tires may be applied is the gate hinge. An old tire, too much worn for further service in its original capacity, is cut in two at the middle, and the end of each piece is turned with an eye or socket to form half of a hinge. Then four inches from the socket the bar is bent to an angle. The other ends of the two pieces are then welded together in the form of a V, the width of the open end being governed by that of the gate. The lower hinge is made in the usual manner, with an upright pin at one end, and a thread and nut at the other. The upper one may be made in the form of a band, which is driven over the gate-post and fastened by nails driven through it as punched for the purpose in the band.

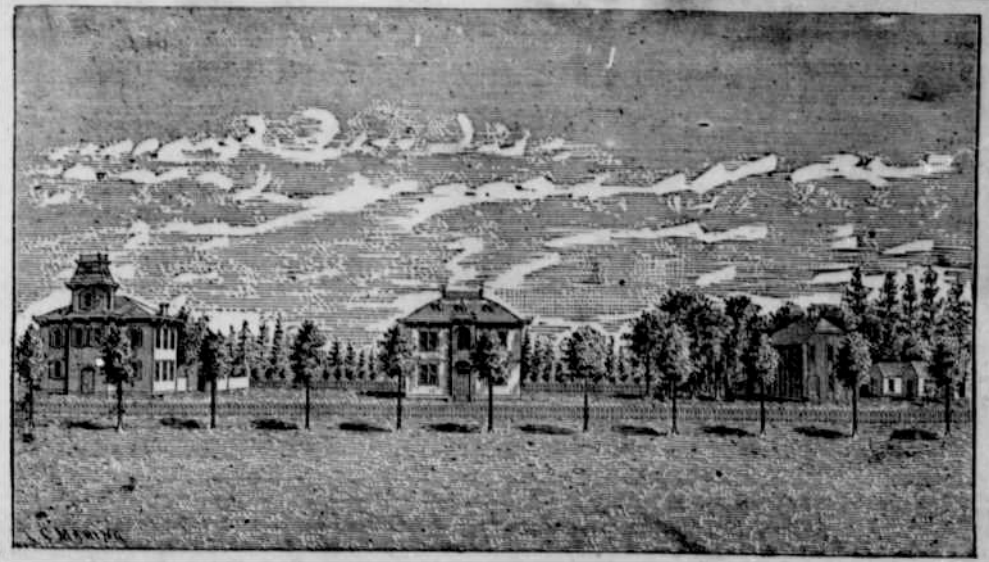
When the corn is shelled the cobs are worth caring for for various useful purposes. They make the best fuel for the smoke-house, giving the hams and bacon a delicate and agreeable flavor, free from the pungency of oak and other wood, which contains much acid. When steeped in kerosene oil they make good kindling for fires, and they are equally good for this purpose when saturated with a solution of one pound of saltpeter in two gallons of water and dried. They then burn fiercely, giving out quick heat sufficient to kindle a coal fire. But they are also good for feeding, as they contain as much nutriment as straw, and where straw is scarce the whole years may be ground together with advantage. The husks are still more nutritious, and may be ground up with the ears in mills made for that purpose.

In storing celery for winter small quantities for family use can be stored in boxes by first boring inch holes four inches from the bottom at each end and side of the box. Turn the box on end and pack the celery in layers the narrow way of the box. To each layer of celery in position sprinkle over the roots only enough earth to mulch them well. Continue until the box is full. When you set the box down shake or jar the box to settle the dirt among the roots of the plants. Then take a watering pot with nozzle and pour water through the augur holes in the ends until all of the soil is thoroughly saturated, and 'tis done. The box can be set in any convenient niche of the cellar, and only needs occasional watering (always through the augur holes) to have a supply of crisp, tender celery at grubbing in the frozen ground and exposing both yourself and the whole lot of celery in the trench.

The increasing use of windmills for pumping water, etc., suggests that they could be made the foundation of a fire department on the farm, that would prove efficient in many cases. Three-fourths of the farm conflagrations are discovered so early that the prompt application of 20 gallons of water, would put out the fire. But it is impossible to get water soon enough when it must be carried to the garret or loft in buckets. With a 14-foot windmill and a strong double-acting force-pump, a continuous stream may be forced a thousand feet and to a height of a hundred feet. But as the windmill and well are usually near the house and barn, it would rarely be necessary to have the water forced farther than two hundred feet or raised higher than fifty feet. The pipes are, of course, brought near to it, and the water is carried to the house and a few feet of hose attached to the hydrant in the yard or building, a supply of water sufficient at the critical moment, would be at command. The hose could be taken through windows or doors. If it is feared that at such a time there might not be enough breeze to operate the windmill, we have only to remember, how often an account of a conflagration also says "a stiff breeze" or a strong gale was blowing at the time. When there is not enough air stirring to operate the windmill, a fire may be readily subdued by buckets of water.

When large quantities of roots are to be stored and there is not cellar room for this purpose, it is far better to construct pits than to fill the cellar with one's dwelling house with a general assortment of roots and vegetables to vitiate the air of the entire house. If it is properly constructed, roots will keep better in a pit than in an ordinary cellar. The pits are dug three or four feet deep, six feet wide and as long as needed. The roots are stacked in these, beginning at the end of the pit, and following two feet of its length; a space of six inches is left, and another section of two feet is built up, and so on, in each case piling the roots up to the ground level; the spaces are then filled in with earth, and the pit will present a series of sections of two feet of roots and six inches of earth. The roots are covered lightly at first, but when cold weather comes, put on about two feet of soil, rounded and smoothed to carry off water.

Within the last three months nearly a hundred orphan boys under 12 years of age have been brought to Findlay and Fostoria, Ohio, to work in the glass factories. They come mostly from St. John's asylum, Brooklyn, and are under contract for a year at nominal wages. This importation of child labor will be stopped.
Mrs. Ira P. Stockwell, of Sydney, W. T., was accidentally killed last week by her 14-year-old son, who was inserting a badly fitting cartridge in his gun.



FRIENDS PACIFIC ACADEMY

FOR 1888-89

Established in 1885.

"Live low and sparingly till my debts be paid; but let the learning of the children be liberal; spare no cost, for by such parsimony all is lost that is saved."—William Penn to his wife.

BOARD OF TRUSTEES.

E. H. WOODWARD, President,	Newberg
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FACULTY.

EDWIN MORRISON, B. S.,	Principal
MARY E. MILLER, A. D.,	Assistant
ANNA E. BELL,	

CALENDAR.

Fall Term begins	9th month, 11, 1888
Fall Term closes	11th month, 30, 1888
Winter Term begins	12th month, 3, 1888
Winter Term closes	31 month, 1, 1889
Spring Term begins	3d month, 4, 1889
Spring Term closes	5th month, 9, 1889

Announcement and Prospectus.

Friends' Pacific Academy is located at Newberg, Yamhill county, Oregon, on the Portland and Willamette Valley railroad, twenty-two miles from Portland, and one mile from Rogers' Landing on Willamette river.
It was opened for pupils September 25th, 1885, and had enrolled during the first week nineteen pupils. The second school year began September 13th, 1886, with an enrollment of twenty-six, and the present school year opened September 12th, 1887, with an enrollment of fifty-one, and the winter term, December 3d, with an enrollment of 110.
At the time of the opening of the school only the Academy building was erected, and only the lower story of it was completed. During the summer of 1886 the boarding hall and three cottages for pupils boarding themselves were constructed, and during the summer of 1887 the hall for gymnasium and boys' dormitories was commenced and the Academy building was completed. The trustees hope to be able to add other buildings as they are needed. For Catalogue or information address
EDWIN MORRISON, Principal.
Or E. H. WOODWARD, President of Board.

Incredible Umbrella Story.

They were telling marvelous umbrella stories one rainy day not long ago, in which each figured as having once owned a very handsome gold-headed silk umbrella which had been stolen after having been used only a very short time. One man of the company, noted for truthfulness, proceeded to state that once on a time he was the owner of a silk umbrella which he carried for many years, but in time there was nothing valuable left to it but the handle. "One night," said he, "I thought I had conceived a plan by which I could obtain a new umbrella in exchange for my old one and yet retain a perfectly-clear conscience. Accordingly I sallied forth in the rain to attend a banquet where silk umbrellas predominated, first polishing up the handle of my own in order that it would compare favorably with the best in appearance. Arriving at the meeting I thrust my umbrella in a holder with a dozen others—all better ones—and left it to its fate. I lingered until the last guest had departed after the feast, expecting that some one would certainly take my umbrella and recklessly ran almost certain chances of getting a better one. I confidently stepped up and drew out—what do you think? It was my own umbrella. That experience made me honest, and I have never tried to trade off my umbrella since."—Albany Journal.

Henry James, Jr., the novelist.

Henry James, Jr., the novelist, boasts that he has never loved a woman, though he is now forty years old.
—The novelist, E. P. Roe, runs a fancy farm. He has been able to coax out even by writing half a dozen novels a year.
—Ethel Mackenzie, the eldest daughter of the famous physician, is in journalism, and does good work in the line of correspondence.
—Sir Joseph Chitty, the well-known English judge, was at Oxford in 1852 Captain of the finest boat crew ever known at either university.
—The late Mr. Venables, of the Saturday Review, was the boy who broke Thackeray's nose at school. As a man he was proud of just one feat—he was able to write the Summaries of the Year in the Saturday Review entirely from memory.
—Richard Ashe King, the author of "The Wearing of the Green," is a kind of Robert Elsmere in real life. He was a Yorkshire vicar, but he resigned his comfortable living for the uncertain profits of literature. He is now writing a novel—a sequel to "The Wearing of the Green."
—John Bright never commits a speech to memory. He merely makes notes and leaves the words to come when speaking. Occasionally he writes short passages, and almost invariably his concluding words or sentences. Mr. Gladstone seldom refers to a note, as it is made.—N. Y. Star.

Silk Threads in Bank Notes.

The paper on which bank notes are printed is called "distinctive paper," being used exclusively by the Government for the printing of bonds and current notes. The mills where it is manufactured are at Glen Falls, West Chester county, Pa. An agent of the Treasury Department receives the paper direct from the hands of the manufacturer, and every precaution is observed in order to prevent any loss. Short scraps of red silk are mixed with the liquid pulp in an engine. The finished material is conducted to a wire-cloth without passing through any screens, which might retain the silken threads. An arrangement above the wire-cloth scatters a shower of fine scraps of blue silk thread, which falls upon the paper while it is being formed. The side on which the blue silk is deposited is used for the back of notes, and the threads are so deeply imbedded as to remain permanently fixed. Each sheet is registered as soon as it is made.—N. Y. Star.
—Father—"Theophilus, my son, did you abstain from fighting to-day, as I told you?" "Yes." "Perhaps you had no provocation to fight?" "Yes, I had. Bill Swipes said as how my dad was afraid to meet his dad, or he'd get licked." "He said that of me, eh?" "Why didn't you smash him in the neck? I fear, Theophilus, that you have no family pride."