

THESE INDIANS ARE RICH.

A Family of Ten Osages Have an Annual Income of \$200 Each.

The Osage Indians, according to Gen. Pollock's annual report, own over 800 acres of land for each man, woman and child, each receiving an annuity of over \$200. As an illustration, if an Indian and his wife have eight children, the annual cash income of the family is over \$2,000.

Indian Agent Stephens, of the Crow Creek, reports that a serious nuisance and detriment to progress is intertribal visiting, demoralizing to the Indians.

Capt. Cornish, of the Uintah and Ouray agency in Utah, complains in his report that there never has been any settlement of the claim of the Uncompahgre, White River and Southern Utes on account of the cession of about 8,000,000 acres of land to the United States under a treaty of 1850 in consideration of certain benefits. The treaty required that the land should be subject to cash entry only and that the proceeds after reimbursement to the United States for sums appropriated and set aside in the Ute act and paying for lands which might be ceded to the Utes by the United States, outside of their reservation at \$1.25 per acre, should be deposited to their credit in the treasury, the interest payable to the Utes annually with the rest of their annuity money. This claim is still unsettled.

STUPIDITY OF A WASP.

An Instance Which Goes to Show That Animal Instinct is Not Infallible.

It is generally supposed that instinct unerringly teaches birds and insects the best way in which to build their homes or nests, and also to provide for their offspring. The following incident, recently under personal observation, will show that instinct is not always infallible, says the Scientific American:

A friend placed three small empty vials in an open box, on a shelf, in an upright position, in close contact, and they were unworked. A short time afterward it was a matter of surprise to find that these had been appropriated by a female mud wasp. She had placed a goodly number of spiders in the center vial, doubtless intended to serve as food for her future brood, then proceeded to deposit her eggs in those on either side. She next closed lightly the mouths of all three receptacles with a hard lime cement. Having finished her work, she then doubtless went on her way, satisfied all had been done for her offspring that a thoughtful mother could do.

But just think of the sensations of those little wasps when they come into existence, for, while starving in their sealed cages, they can plainly see through the impenetrable glass walls, the bountiful supply of food which was provided for their use.

ANIMAL BENEVOLENCE.

An Instance Which Shows That Dumb Beasts Can Be as Kind as Men.

A herd of wild Asian buffaloes will charge any foe, even a tiger, to save the life of one of their number who has been wounded.

Elephants, baboons and other animals will do the same thing in a wild state.

On the other hand, monkeys have been known to fall upon one of their number who is ill and drown him, possibly as an act of mercy. Similarly, wolves destroy one of the pack which becomes helpless.

If an otter is trapped his brother otters will run around him all night showing the utmost concern.

A writer in the London Spectator states that he has seen sparrows in groups discussing and lamenting when one of their number had fallen into a trap. Next day when a robin was caught the sparrows paid no attention.

He adds that he had seen a big pig try to help a smaller one through a hole in the fence piling by pulling at its head.

St. John tells of a Highland shepherd whose cat brought him some edible bird nearly every day in the year.

FISH HAUNT SUNKEN SHIPS.

"Sweeping for Wrecks" is an interesting Process Practiced by New York Bay Anglers.

Reefs, mussel beds and old sunken wrecks are always frequented by fish and the anglers search for them with great patience. "Sweeping" for wrecks is an interesting operation. When the men have an idea of just about where a wreck is located they start off to "sweep." When they believe that they have reached the neighborhood of the wreck they shorten sail, if the wind is stiff, and lower little drags or grapnels, sometimes formed of big squids lashed together. With the shortened sail the boat is made to wait about gently until the drags catch the wreck. Then she is "shaken out" and "killed." All hands except the skipper commence to fish on the bottom with small hooks, and convincing evidence that the boat is over the wreck is produced by the hooking of a blackfish. Ranges or landmarks are then taken and the wreck is captured. In among the old rotting timbers, sheephead and big blackfish love to lurk, and in the eddies formed by the old hulk all sorts of game fish are apt to loiter. It is believed that there are many old wrecks, which, if located, would delight the hearts of the anglers.

Shooting Through Glass.

A musket ball may be fired through a pane of glass, making a hole the size of the ball, without cracking the glass. If the glass be suspended by a thread it will make no difference, and the thread will not even vibrate.

FADS OF FAMOUS WOMEN.

Helen Gould has a fad for charities. They are her recreation.

Mary Anderson (Mrs. De Navarro) has an especial fad for housekeeping.

The incomparable Sarah Bernhardt prides herself on her wonderful youth. Celia Thaxter had a taste for gardening and made a "fad" of raising poppies.

"Marion Harland," or Mrs. Terhune's, fad is her kitchen, over which she is queen.

Louise M. Alcott used to pride herself upon her skill in getting up evening entertainments.

Miss Kathryn Kidder delights in the regulation French doll, and has one always near at hand to fondle in her leisure moments.

Miss Lillian Whiting has a liking for photographs. Especial favorites are seen in her apartments in a dozen different poses.

Mrs. Bernard Beere, called "England's Topsy," has a curious fancy for dancing dolls, music boxes and other mechanical toys.

Mrs. Elizabeth Cady Stanton's fad, in her old age, is playing the piano. Her favorite music is the quaint tunes learned in her girlhood.

Miss Kate Sanborn, the breezy lecturer and authoress, has a decided talent for farming. She has given us some delightful books on the subject.

Mrs. Oliver P. Belmont has a craze for collecting old lace. She now has a very valuable assortment, among them some exceedingly rare specimens.

FLOWERS WITH HISTORIES.

The daisy was the chosen flower of Marguerite of Anjou. On her coming to England all wore her badge and her royal husband had it engraved on his plate.

The lotus flower is most associated with antiquity. As the sacred flower of Egypt, as the flower always seen with Buddha and twined around the Indian Cupid, it is the mystic and symbolical.

The pretty pink heather blooms all the year round. An old saw runs: "When heather is out of blossom kissing is out of fashion." The ancient Persians were able to brew a delicious beverage from these flowers.

The Greeks always planted asphodel and mallow around their tombs and strewed them with amaranth, myrtle and polyanthus. The asphodel was sacred to Proserpine, the amaranth was fadless and a symbol of eternity.

Henry IV. of England was the first to give the forget-me-not its meaning. While in exile he added this flower to the SS on his collar, entwining it with the initial letter of his motto: "Souveign de moy," pleading, as it were, for remembrance in exile.

The three-leaved shamrock is said to have been an emblem among the ancient Persians. Its usual time of blooming is near St. Patrick's day. The story goes that St. Patrick was trying to convince a stubborn man of the theory of three in one. Stopping, he plucked a shamrock, which fifty explained his idea.

HIGH MOUNTAINS.

It is said by some geographers that Mount Wrangell, 140 miles west of Mount St. Elias, is over 20,000 feet in height, but no authentic measurements have been taken.

Mount Blanc is 15,776 feet high. This famous mountain is exceeded in height by many, but its position in the line of tourists' travel has given it a name above many others.

Chimborazo, in Ecuador, 21,444 feet, is said to be the highest in that state. Cotopaxi, 19,408 feet, and Antisano, 19,150 feet, are second and third in the order of their height.

Mount Ararat, 12,700 feet, is the highest land in Armenia. The perpetual snows that lie upon its summits are believed by the dwellers in the valleys beneath to cover the remains of Noah's Ark.

Kilauea, a part of a cluster of volcanic mountains denominated Mauna Loa, is only 3,970 feet high, but is the largest active volcano in the world. Its crater is a great pit, eight miles in circumference and 1,000 feet deep.

FRILLS OF FASHION.

Plaid silks are very fashionable for young ladies, and they are used for entire dresses or combined liberally with canvas and mohair.

Old-fashioned silk handkerchiefs with plain centers and palm leaf borders are used for vests to wear with cloth and pique gowns.

Chene floral velvet ribbon, with sprays of flowers in subdued coloring on a dark background, is one of the latest novelties in dress trimmings.

Black grenadines, flounced all over in soft colors, are very popular for dressy gowns, and very useful as a covering for a middle-aged black silk or satin dress.

All the new sleeves which do not terminate near the elbow are cut long enough to fall over the hand in points or with a flaring cuff, and usually have the frill of lace to soften the effect.

The Humidity Meter.

The amount of moisture present, or the humidity of the air, is determined by a comparison of dry and wet bulb thermometers. They are both ordinary thermometers; but the bulb of the latter is covered with muslin that is wet. In the latest form of instrument the thermometers are mounted on arms carried by a shaft that is rotated by a crank which is geared to the shaft. The motion of the shaft rotates the thermometers in vertical planes and causes the water in the muslin to evaporate more or less rapidly according to the amount of moisture in the air. This evaporation lowers the temperature of the thermometer; and, from tables constructed after long experiments, the degree of moisture can be determined by the difference in temperature between the two thermometers.—Popular Science Monthly.

WORTH KNOWING.

England's police army numbers 40,000 men.

Fifteen bridges cross the Thames in the London limits.

The population of Liverpool is a little over 116 persons to the acre.

The old Ferris wheel has been moved and rebuilt in Chicago with a "tally-ho" car and buffet feature added.

Massachusetts is a large shoe producing state. No less than 60,500 sides of leather are weekly cut up into soles for shoes.

There are 197,146,420 acres of timber lands in the southern states, and the average yield of these forests is 3,900 feet per acre.

If the entire population of the world is considered to be 1,400,000,000 the brains of this number would weigh 1,922,712 tons, or as much as 96 ironclads of the ordinary size.

The first discovery of coal is quite unknown. The ancient Britons seem to have dug for it; but the first official record we have is an alleged license of Henry III. to dig at Newcastle-on-Tyne in 1234.

The first trolley line in America, it is said, was built in 1884 on one of the small piers at Coney Island. The first extensive practical application of the trolley in this country was at Baltimore, Md., August 8, 1885.

The Bank of England has 1,100 officials on its payroll, which amount to about \$2,500,000 a year, and 1,000 clerks. If a clerk is late three minutes he receives a warning; the fourth time he is discharged at once.

HOUSEHOLD BREVITIES.

Cream of tartar should always be mixed with flour, soda with milk.

An ounce of good gelatin is always sufficient to a quart of liquid for any dessert.

A pinch of salt added to the white of eggs will make them beat up quicker and lighter.

Three ounces of sugar are sufficient to every quart of milk for custards of any kind.

White meat game, should be very well cooked, while dark meats should be served rare.

Never use too much flavoring of any kind in baking, especially cinnamon or almond extract.

Keep the soup kettle always tightly covered lest the aroma of the soup escape with the steam.

All fresh fruit should be mixed with sugar before filling in pies. A little butter increases the delicacy.

A good Smyrna rug will stand hard wear for ten years—longer than the best carpet will present a respectable appearance.

Bread, rolls or biscuits, if washed with butter immediately after baking, will shine nicely and will be softer than if not washed.

Woodwork and floors are now stained with a color called forest green. It harmonizes with draperies and coverings of almost any color.

SUBDUED THE HORSE.

Gen. Grant's Cadet Displayed Qualities Conspicuous in Later Days.

The following story was told by Col. Green, a classmate of Gen. U. S. Grant at West Point, says the American Horse Breeder:

"One day when the members of Grant's class were called out for drill on horseback there were not horses enough by one to go round. Grant was one of the shortest men in his class, consequently was on the extreme left of the company, and he was the one for whom there was no horse. The officer ordered a horse brought, which was done. The animal was a vicious brute, which had proved so unmanageable that he had been discarded. The officer in charge did not notice the horse until just as young Grant vaulted into the saddle, when, horror-stricken, he ordered him to dismount. The horse did his part to assist the rider to obey the order, but Grant drove his spurs into the sides of the infuriated, plunging, kicking, bolting brute, and guided him into an open field, where he gave such an exhibition of amateur horsemanship as no member of that class had ever before witnessed. Before the contest was ended the horse was thoroughly subdued and from that time became a useful, obedient animal, but it was always ridden by Grant."

Thunder and Lightning.

It is said that lightning may be recognized at a distance of 200 miles when the clouds among which it plays are at a high altitude, but that thunder can seldom be heard at a greater distance than ten miles. The sound of thunder is also subject to refraction by layers of different density in the atmosphere, as well as to the effects of "sound shadows," produced by hills and other interposed objects. These are among the reasons for the existence of the so-called "sheet," or "summer," lightning, which seems to be unattended by thunder.—Youth's Companion.

Iodine for Tarantula Bites.

H. E. Aldrich, a fruit dealer, doing business in Easton, Md., was bitten on the hand by a tarantula, which jumped from a bunch of bananas. Quickly Mr. Aldrich's hand swelled to thrice its natural size. He had presence of mind enough to ligature the wrist, thus keeping the poison from the larger veins and arteries. Then he rushed into a drug store close by with a hand at that time nearly as big as his head, and called for iodine. A stream of this liquid was poured on the hand, the ligature was bound more tightly around the wrist and in an hour the swelling had visibly subsided, and in another hour the pain was gone and the hand reduced nearly to its normal size. Mr. Aldrich says iodine is considered a specific for tarantula bites, and that importers of bananas and those who handle them in large quantities keep a supply of the drug on hand for uses of their workmen.

1899.

RAMBLER BICYCLES

ONLY \$40 ONLY

1899 Shelby Ideals, G. & J. Tires - - - \$33

Better than any cemented-tired wheel on the market at any price.

1899 Shelby Ideals, Hosepipe Tires - - - \$25

As good as any \$50 cemented tired wheel.

Manufactured by Gormully & Jeffery.

F. C. SHANAHAN, Agent.

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TILLAMOOK,

MAY 8th, 9th and 10th.

THEY WILL BE AT THE

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Five Physicians and Surgeons, all Graduates from the best Medical Colleges in the world.

Among the ailments cured by the Expert Specialists are the following: Bright's Disease and all other Diseases of the Kidneys; Diseases of the Bladder, Urinary Organs, Liver, Spleen, Spine, Bowels, Heart, Stomach, Eye, Ear, Skin and Nerves; also Impoverished Blood, Blood Poison and Scrofula; Catarrh, Tonsillitis, Consumption, Bronchitis, Asthma, and other Throat and Lung troubles; Tumors, Deformities, Insomnia, Melancholy, Paralysis, Rupture, Dyspepsia, Neuralgia, Rheumatism, Stiff and Swollen Joints; Female Complaints, including Ovarian troubles; Piles, Fistula, Obesity, Ring Worm and Gout; Tobacco, Opium, Cocaine and Liquor habit; Headache, Erysipelas, Gout, Tape Worm, Biliousness, Dropsy, Gall Stones, Eczema, Freckles, Blackheads, Cancer, etc., and Chronic Diseases generally.

Dr. Meyers & Co. cure Nervous Debility, Lost Manhood and all Private Diseases, including contagious blood poison, quickly and permanently, and at reasonable prices.

The Expert Specialists and Dr. Meyers & Co. are not only competent and reliable, but are responsible, being backed by ample capital and ably managed.

Diseases which have baffled the skill of other physicians and stubbornly refused to yield to ordinary medicines, methods and appliances, are quickly subdued and mastered. They have the largest and best equipped medical institution in America.

CALL ON THE DOCTORS WHEN THEY COME.—All ailing people should see Expert Specialists. A friendly talk, which costs absolutely nothing, is bound to result in a deal of good, whether treatment is taken or not.

HOME CURES.—While it is preferable in many instances to see a patient, the German Expert Specialists have cured thousands whom they have never seen. If you cannot see the doctors write the home office for question list. Advice in regard to your ailment, look for men and women and treatise on any disease—ALL FREE. Correspondence and other dealings with patients or prospective patients sacredly confidential.

Terms and Prices Within the Reach of All.

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FLOORING, No. 1, at \$16.00 per thousand feet,
RUSTIC, No. 2, at \$12.00 per thousand feet,
RUSTIC, No. 1, at \$16.00 per thousand feet,
No. 1, FINISH, at \$15.00 per thousand feet,
MOULDINGS, 1/2" per foot, per inch in width,
ALL BIN. PLANKING at \$7 per 1000 feet

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If you Want to Drive
A Nice Gentle Horse
To a Nice Easy Buggy,
Come to Our Stable and
Get it.The Tillamook Livery and Sale Stable,
TILLAMOOK, OREGON.

Teachers' Examination.

Notice is hereby given that for the purpose of making an examination of all persons who may offer themselves as candidates for teachers of the schools of this county, the County Superintendent thereof will hold a public examination at the Court House, in Tillamook City, commencing at One o'clock p.m., May 10th, 1899.

The following programme will be followed for state and county papers:

WEDNESDAY—Pennmanship, history and spelling.

THURSDAY—Written arithmetic, theory of teaching and grammar.

FRIDAY—Geography, mental arithmetic, reading, physiology, composition, physical geography, bookkeeping, Oregon school law, general history, English literature, algebra.

Dated this 24th day of April, 1899.

G. B. LAMB,
County School Superintendent.

County Warrants.

The following warrants are now payable, and will be paid when presented at my office:

Series E.—1198, 1199, 1141, 1152, 1192, 1123, 1153, 1161, 1154, 1180, 437, 1173, 1145, 1184, 1176, 569, 890, 1049, 1203, 1245, 1223, 1208, 1206, 1246, 1234, 1243, 1285, 1284, 1281, 1302, 1300, 1233, 1362, 1359, 1352, 1361, 1348, 1313, 1303, 1363, 1262, 991, 1373, 1372, 1380, 1377, 1417, 1413, 1383, 1368, 1430, 1429.

W. H. CARY, County Treasurer.

April 19th, 1899.

TWO LIVE PAPERS.

The regular subscription price of THE HEADLIGHT is \$1.50, and the regular subscription price of the Weekly Oregonian is \$1.50. Any one subscribing for THE HEADLIGHT and paying one year in advance can get both the

HEADLIGHT and WEEKLY OREGONIAN

One Year for \$2.25.

All old subscribers paying their subscriptions for one year in advance will be entitled to the same offer.

O.R.&N.

Union Depot, Sixth and J Streets.

TWO TRAINS DAILY FROM ALL POINTS EAST.

"FAST MAIL ROUTE."

Leaves for the East via Walla Walla and Spokane daily at 2:30 p.m. Arrives at 8:30 a.m.

Leaves for the East via Pendleton and Huntington daily at 8 p.m. Arrives via Huntington and Pendleton at 7:30 a.m.

Dalles accommodation leaves daily except Sunday at 8 a.m. Arrives daily except Sunday at 6:30 p.m.

THROUGH FULLMAN AND TOURIST SLIPPERS.

Water lines schedule subject to change without notice.

OCEAN AND RIVER SCHEDULE.

OCEAN DIVISION.—Steamships sail from Astoria dock at 8 p.m. For San Francisco, Geo. W. Elder sails October 4, 11, 20 and 27. Columbia sails October 5, 14 and 23. State of California sails October 8, 17 and 26.

COLUMBIA RIVER SUMMER SCHEDULE DIVISION.

PORTLAND, ASTORIA AND THE COAST.—Steamer R. R. Thompson leaves Portland daily, except Sunday, at 8 p.m., on Saturdays at 10 p.m. Returning, leave Astoria daily, except Sunday, at a.m.

WILLAMETTE RIVER ROUTE.

PORTLAND AND SALEM.—Steamer Ruth, for Salem and way points, leaves Portland Mondays, Wednesdays and Fridays at 6 a.m. Returning, leaves Salem Tuesdays, Thursdays and Saturdays at 7:35 a.m.

YAMHILL RIVER ROUTE.

Steamer Modoc, for Dayton and way points, leaves Portland Mondays, Thursdays and Saturdays at 7 a.m. Returning, leaves Dayton for Portland and way points Mondays, Wednesdays and Fridays at 7 a.m.

Steamer Almada leaves Riparia Mondays, Wednesdays and Fridays at 1:45 a.m., after arrival of train from Spokane and Portland. Leaves Lewiston, returning, Sundays, Tuesdays and Thursdays at 6 a.m.

Steamer Lewiston leaves Riparia Saturdays, Tuesdays and Thursdays at 1:45 a.m., after arrival of train from Spokane and Portland. Leaves Lewiston Mondays, Wednesdays and Saturdays at 6 a.m.

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