

When the two reels of boys' and girls' club work at the county fairs of Lane, Tillamook, and Clackamas, and at the state fair, are filmed and added to the four already finished and turned over to the agricultural college, the set will be the most complete ever taken of club work anywhere. This enterprise is carried on by the Southern Pacific as its contribution to the welfare of the state in general and to promote club work in particular. R. E. Kelly, manager of the development work of the company, after a study of club work in the west and southwest, decided that this rather expensive bit of promotion work would be the best thing the company could do to boost the club work. To "take the guess out of farming" and help make farm life in Oregon prosperous and attractive was the aim of the director, and the college club men say the set does that very thing to a nicety.

"Oregon Junior goes to college" is the main title. This young chap meets with an accident on a badly rundown farm and in the ensuing vision sees his ideal farm achieved by good management. He is awakened and shown how to start by informing himself of approved methods, and soon finds himself on the campus with 500 other youngsters

from all parts of the state. Stock, seed, poultry, and bread judging, managing animals and birds, planting potatoes and learning of their diseases, are some of the boys' activities. The girls learn sewing and cooking, and laundering and homemaking. All play and drill, eat and laugh, and have good times as well as profitable work. The pictures will be shown in all parts of Oregon during the year, and it is the expectation and hope of the railway men that the number of club members will double next year. John M. Scott, C. M. Andrews, N. M. Moffitt, J. C. Cate, Lindsay Campbell, and E. S. King attended the first showing of the four reels last week. E. F. Carlton of the state department of education was also present.

The thrilling romance of a lad who loved a girl and wanted to be a policeman! At the Arcade, Saturday.

Light and land-plaster applications have helped vetch yields slightly in the experiments and paid for a short time. On some soils large increases are secured. Lime applications did not pay on this trial, although on some very acid soils good results are obtained.

Glass Houses May Be Residences of Future

Plans for building houses of glass are being considered by glass experts. Opaque glass can be produced in great quantities, it is claimed, at a reasonable cost.

"The glass house," says a writer in a trade journal, "has been the butt of many jokes, when not actually used as a target for brickbats. It has carried with it, too, the idea that everything within its walls was open to public inspection, and that the occupants must go to bed with their clothes on to avoid embarrassment."

The material for the proposed glass house can be made in slabs one-eighth of an inch thick, thirty inches wide, and nine feet long. These slabs of opaque glass can be made in any shade or color the builder wants.

The writer says that glass houses must be constructed on a concrete foundation and a wood framework. There will be an air-pocket between the outside and the inside walls which will keep out both heat and cold. It is claimed that the first cost of the house would also prove to be practically the last, as the need for repairs would be almost nonexistent.

Tragedy and Comedy in Errors by Wire

One of the most expensive telegrams ever sent over the wires was sent from Washington to New York, when Wall Street was awaiting the decision of the Supreme court on the taxability of stock dividends. At noon a message came through that the decision was that the tax was valid. Prices at once began to fall. Two hours later it was announced that the real decision was exactly the opposite to what had first been wired, and prices rose quickly. The mistake, however, had cost \$1,000,000. To turn from tragedy to comedy, a cable message was received at Sydney, New South Wales, from Noumea, the capital of New Caledonia, saying: "Sailors and soldiers routed by Caledonians." New Caledonia is the French convict settlement, and such alarm was caused by the message that a warship was dispatched for the protection of British subjects. When the vessel arrived it was found the message referred to the victory of the New Caledonian football team over an eleven composed of French soldiers and sailors.

Conversation

The wit of conversation consists more of finding it in others than in showing a great deal yourself. He who goes out of your company, pleased with his own facetiousness and ingenuity, will the sooner come into it again. Most men had rather please than admire you, and seek less to be instructed and diverted than approved and applauded, and it is certainly the most delicate sort of pleasure to please another. But that sort of wit which employs itself insolently in criticizing and censuring the words and sentiments of others in conversation, is absolute folly; for it answers none of the ends of conversation. He who uses it neither improves others, is improved himself, nor pleases anyone.—Benjamin Franklin.

Quest for Beauty

The refrain of an old folk-song runs: "Oh, its dabbling in the dew that makes the milkmaid fat." Today there are still a few unsophisticated maidens who believe that to let the rain beat on the face is to beautify it, but in the olden days it was necessary to wander in the early morning and bathe the face in May dew. Pepsy mentions this practice in his Journal. In speaking of his wife: "My wife, down with Jane and W. Hewer to Woolwich in order to take a little ayre, and to lie there tonight and so to gather May-dew tomorrow morning, which Mrs. Turner hath taught her is the only thing in the world to wash her face with."

Writer Evidently Peeved

A writer in an English review recently delivered himself of the following blast against psychoanalysts: "I am not one of those who usually sympathize with murderers and sign petitions to get them off. But if ever I felt there was some reason for murder, it is in the case of the Austrian boy who murdered his aunt because she psychoanalyzed him, and published the results in a book. One knows the kind of a book, and the kind of a woman, and I doubt if the loss of the one is to be deplored more than the other."

Practical Evidence Wanted

"John Marrows," said the farmer's wife, coming out to the back porch, where her husband sat tilted back in his chair, his feet on a railing, "didn't I hear you tell the parson when he was here that you had strong views on the temperance movement?" "Yes," Mr. Marrows replied, rather stiffly, "I said so, and you know that I have."

Irreverent Youth

Susie raised her voice and called to her mother in the next room, "Mother! Mother! You'd better come in here right away!" Mother arrived panting and out of breath. "What is it?" Susie pointed at her small brother and continued in an awe-stricken tone, "He was teasing God! Saying his prayers with one eye open, he was!"

Able to Hear Noises Made by Electrons

By means of the radio vacuum-tube amplifier, scientists have been able to hear the noises made by electrons, the infinitely small units of electricity as they are "bombaraded" against the plate in the tube from the hot filament. These electrons, it is held, carry the current and make possible the operation of the tube, which is capable of tremendous amplification. Through this a new way of measuring the value of the electron charge has been developed and a method of research opened which may lead to valuable knowledge concerning the electron and its properties. Previously, it has been studied by means of tiny drops of oil, observing their movements between two electrically charged plates. Droplets are made to fall slowly or rapidly or are held stationary between the plates, according to the presence of charged electrons in them and the voltage applied to the plates. With proper amplification, the roar of the electrons in the tube can be magnified to produce a volume like that of Niagara, it is said, and this action is to be studied in the hope that facts not presented in the gravity tests will be learned.

Explaining Origin of the "Vegetable Dinner"

The death of Patterson M. Vegetable, one of the most cordially hated men in North America, brings to light for the first time the story of the invention which earned him the position he occupies. "C. F." writes in the Kansas City Star.

It was the old, old story, yet ever new, of two men and a girl; in the ensuing triangle poor Patterson found himself hopelessly the hypotenuse. Soured and embittered in love, he turned to the soil; and in his little truck garden on Long Island he devoted long hours to raising obnoxious species of plants and herbs. This morbid tendency led eventually to his famous invention of a platter with various compartments, into which he fitted one species of each unpleasant plant he had produced, calling the whole affair, in his dryly humorous way, a "dinner."

The comparative economy of this idea appealed to the restaurants; and the embittered old man found the last years of his life considerably brightened by the sight of thousands of restaurant patrons seated before these plates endeavoring to eat one of Vegetable's "dinners," or "Vegetable dinners," as they came in time to be called.

Bugle Calls Ancient

Of very ancient origin are the various bugle calls still used by modern armies. The "tattoo" dates back to the Thirty-Years' war, from 1615 to 1648, and was originally the "tap to" call, a signal for the men to cease their drinking by closing the bung or "tap" of the barrel. "Retreat" call was used by the crusaders. The cow's horn was the first bugle and it is mentioned in the Bible. The ram's horn was a later variation. Many students of musical apparatus say the bugle is the oldest of musical instruments.

Love Songs Old as Race

The making of love songs is an ancient art. Before Pan blew upon his reedy pipes there were love songs. They were sung in the Garden of Eden before and after the serpent wiggled his way into that earthly paradise. Men wove their magic into the first crude language of the human race when caves were used for dwelling places and the hunter went forth to the hills to strangle his prey with bare hands. Helen heard them sung to her within the walls of Troy. All through the countless ages of the world since time began there have been love songs.

Scotch Terriers

The first pair of Scotch terriers ever exhibited at a bench show in this country were shown to the public in 1883, at which time there was a decided dislike for the dogs, and the show was criticized for admitting the pair, but after Doctor Ewing of St. Louis and other men began developing the dogs and were able to show their finer qualities, public sentiment developed in their favor and Scotty is a welcome dog at all bench shows and has won his way to national popularity.

Pertaining to Ages

A century begins with the beginning of the first day in its first year, and does not end until the close of the last day in its hundredth year. The mode of reckoning is often confused with the common mode of stating the age of a person. A person born at the beginning of the Christian era would be called one year old during his second year, that is during the course of the year two; he would be called two during the year three; and forty during the year forty-one, etc.

Qualities of Sugar

The sweetness of sugar is tested by diluting each kind of sugar with an equal amount of water until only one tastes sweet. It is easy to confuse the sense of sweetness with other qualities of the sugar, one being the melting quality—that is, if the sugar melts easily in one's mouth, the sense of sweetness comes more rapidly than if the sugar dissolves slowly. All in all, it is believed that white sugar is sweeter than brown.

U. of O., Eugene, Aug. 1.—Special—The prize essay contest conducted by the All-Oregon 1925 Exposition Committee will close October 10 instead of September 15 as previously announced. The prizes for the contest, which is open to high school and grade school students of Oregon, aggregate \$200, divided equally between the two divisions. Three prizes \$50, \$30, and \$20 each, are offered for first, second and third place respectively in the high school and grade school contests.

The contestants will write on one of two general subjects: 1. Oregon-made products, or 2. the educational and cultural values of art. The new closing date for the contest is also the closing date of the All Oregon 1925 Exposition, to be held in the Civic Auditorium in Portland, October 5 to 10, which will feature Oregon-made goods and promote the cause of art in Oregon.

The subjects in the contest are designed to emphasize the role played in the economic life of the state by Oregon manufactures, and of the importance of art in the life of the community. A number of titles are suggested by the committee as appropriate for the essays, although the contestants are not necessarily restricted specifically to them. An original or striking title, in fact, which falls within one of the two general heads mentioned above, may be an important factor in judging the merits of an essay.

The suggested titles are:

1. The Economic Importance of Oregon made goods.
2. Oregon's basic industries and their Relation to the Welfare of the State.
3. The value of a State wide Oregon Products Exposition.
4. Art as an Expression of the Characteristic Culture of a State.
5. Art as an essential in the Education of a People.
6. The value of an Oriental Art Exhibit to the Pacific Coast.

Essays must be written legibly in ink or [preferably] typewritten, double-spaced, and have wide margins. The size of paper should be 8 1/2 by 11 inches. One side of the paper only should be used. Essays must not exceed 800 words, and no essay exceeding 800 words will be considered by the judges. All direct quotation used by the contestants must be enclosed in the quotation marks.

The essays must be in the hands of the Secretary of the All-Oregon 1925 Exposition Committee, 651 Court House, Portland, Oregon, before the closing date, October 10. The judges of the contest are: Judge Charles H. Carey, former president of the Oregon Writers' League; Anthony Euwer, poet and illustrator; and Dean Eric W. Allen, of the University of Oregon School of Journalism.

Farm Reminders

In some rotation experiments at the college, rotation has resulted in 53 per cent higher yield than was obtained by continuous crops, and the difference is growing larger each year. Beans grown continuously yielded 9.85 bushels an acre, while beans rotated after grain and clover yielded 15.74 bushels an acre.

"Liming" the soil was a well established practice in early Roman husbandry. Evidence has been found that even the ancients knew the value of limestone soil for producing satisfactory crops.

Results secured at the Union experiment station on the increased value of steamed alfalfa hay are not extensive enough to warrant conclusions. A slight advantage for steamed alfalfa was found, but not enough to justify the expense for steaming. Steaming alfalfa or clover for hogs has not proved satisfactory at Corvallis.

Very little pruning is ordinarily necessary in the case of the loganberry. If the canes are healthy and vigorous, they may be trained at full length. Occasionally, when the rope system is used, the canes are so long they interfere with the next plant. In which case the ends should be shortened somewhat. Frequently canes are produced which are not long enough to be attached to the trellis. These bear but little fruit and may interfere with the new shoots. All such canes should be removed. Old canes should be taken away as soon as the crop has been harvested. This practice gives the new shoots more air and sunlight. It also aids materially in keeping down insect pests and diseases.

S. P. Railway Co.
TIME TABLE
Effective Sept. 7.
Trains will arrive as follows:

To Portland	
No. 355	5:53 A. M.
No. 354	8:37 A. M.
No. 358	11:18 " "
No. 352	2:40 P. M.
No. 300	6:32 " "
From Portland	
No. 351	9:33 A. M.
No. 357	11:10 " "
No. 359	2:40 P. M.
No. 353	6:00 " "
No. 355	7:13 " "

Special, Sunday only 8:05 p. m.

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Solution of Puzzle No. 34.

S	C	A	R	E	P	A	S	T	E
P	U	N	C	O	D	A	O	A	R
I	T	A	H	N	O	R	A		
N	I	S	O	T	H	E	R	M	S
S	A	N	S	O	F	G	A	T	E
N	E	N	L	A	I				
N	M	M	O	N	N				
L	A	M	B	I	D	R	I	S	
E	L	E	C	T	R	I	C		
G	O	Y	E	I	E	B	A		
A	B	B	L	A	U	D	I	O	N
L	I	O	N	S	E	C	L	A	T

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CROSS-WORD PUZZLE No. 35

1	2	3	4	5	6	7	8	9	10	11	12	13																										
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52

- Horizontal.
- 1—Region in Asia
 - 2—Exist
 - 3—Star
 - 11—Hasten
 - 12—Maiden loved by Zeus (myth.)
 - 14—Sleeping
 - 16—Decay
 - 18—Checks
 - 20—Bird of fable
 - 22—Swamp
 - 24—Girdle
 - 25—Hindustani as spoken by Mohammedans in India
 - 26—One of a tribe of Algonquian Indians
 - 28—Woody perennial plant having a single main stem
 - 29—Fir tree
 - 30—Scare
 - 31—Cells
 - 33—Girl's name
 - 35—Encourage
 - 37—Stiff hat
 - 38—Dock
 - 39—Anger
 - 40—Liveller
 - 44—One of the words you use when singing a song of which you don't know all the words
 - 45—A disease transferred by mosquitoes
 - 47—Printing measure
 - 48—Narrow inlet
 - 50—Small particle of matter
 - 51—That is
 - 52—Limitation
- Vertical.
- 1—Pronoun
 - 2—Sorrowful
 - 3—Smell
 - 4—Gaze intently
 - 5—Conjunction
 - 6—Belonging to a department in eastern France
 - 7—Encountered
 - 8—Three-toed sloth
 - 9—Three-masted vessel
 - 13—Set to music
 - 15—Intelligence
 - 17—Belonging to us
 - 18—Undeveloped frog
 - 20—Welsh dish
 - 21—Suffix meaning full of
 - 23—Fashion
 - 24—Narrow strip of leather
 - 26—Body of water
 - 27—Wall
 - 32—Song
 - 34—Indians inhabiting Yucatan
 - 36—Before (poetic)
 - 40—Stride
 - 41—Having wings
 - 42—Boy's name (Swedish)
 - 43—Tumult
 - 45—Married woman's title
 - 46—Blackbird of cuckoo family
 - 48—Husband of 45 vertical
 - 51—Preposition

HOW TO SOLVE A CROSS-WORD PUZZLE
When the correct letters are placed in the white spaces this puzzle will spell words both vertically and horizontally. The first letter in each word is indicated by a number, which refers to the definition listed below the puzzle. Thus No. 1 under the column headed "horizontal" defines a word which will fill the white spaces up to the first black square to the right, and a number under "vertical" defines a word which will fill the white squares to the next black one below. No letters go in the black spaces. All words used are dictionary words, except proper names. Abbreviations, slang, initials, technical terms and obsolete forms are indicated in the definitions.
Solution will appear in next issue.