RAIDS BIG PROBLEM

Zeppelins' Work Most Puzzling Question.

SCORE ATTACKS SUCCEED

Aero Generalship Now Becomes More Steady and Air Mines and Nets Are Proposed as Guards Against Raids.

PARIS, France, Dec. 9.—The most puzzling question in aero generalship that the war has presented was not anticipated. The possibilities of successful raids by aeroplanes and dirigibles were discussed, but were not considered of serious importance by high officials in military aviation of either France or England. Even more practical men failed to foresee the highly successful manner in which Zeppelins, for example, would be navigated to certain points, through fogs, above clouds, over land, over sea. As a matter of fact, the development of means of aerial navigation, in the strict sense, has come since the war, making former impossibilities now comparatively simple accomplishments.

Piloting Steadily Easier.

It is a fact that Zeppelin commanders, with steadily increasing facility, have piloted their craft from havens in Belgium, across the lower hook of Holland, over the Channel to the English coast, taken their bearings, picked up one river, then another, and finally arrived at the chosen destination. Seldom have the dirigibles been seen from water or earth from time they passed Holland until they began to drop bombs in England. Hardly ever have they been attacked by the English until their bombs fell.

More than 20 raids have been successfully carried out against England. After each there has been renewed effort to prevent repetition, but successful defense has proved so difficult that the raiders have not yet been prevented from continuing a voyage to the point of attack, while not more than once has any one of the Zeppelins failed to escape scot free.

It would be as inaccurate as unfair to ascribe this failure of the air defense to carelessness or stupidity. There are many good arguments for and against every plan. The question is too big for any one to answer definitely. I can only show the many sides of it and let conclusions be drawn. But whatever the conclusions may be, it must be admitted that successful defense cannot be accomplished by one means; neither with aeroplanes nor with anti-aircraft guns alone.

Air Mines and Nets Proposed.

Material for defense may be divided into two classes: That which has had thorough trial and that which has only been discussed or suggested. In the first we find anti-aircraft cannon and searchlights, stationary and movable; armed aeroplanes, dirigibles and captive balloons in the use of which wireless telegraphy, rockets and electric lights play apart. In the untried class are air mines, air nets, illuminating fuses, kites and balloons.

The use of searchlights and cannon in a big city like Paris or London has probably as much disadvantage as advantage. If searchlights stationed within a city play on the black sky before the arrival of air intruders they serve the purpose of beacons which might prove useful to wandering aircraft of the enemy. An improved searchlight employed in both capitals is provided with a shutter by the use of which the light is flashed on and off and which also appears slightly to hide the source of light when the shutter is open. The fixed rays were also used in London until recently, but I understand now that they are to be abandoned, as was done in Paris six months ago, since which time searchlights have seldom been lighted within the city limits.

If a city searchlight picks up a Zeppelin, anti-aircraft guns can safely send a finding shell which bursts with a puff of smoke. The damage any anti-aircraft projectile will do to the city itself, unless it fairly hits the mark, will at least equal that of the medium-sized bombs dropped from aeroplanes.

The chance of a dirigible's being brought down at once by one or two good hits and falling as a most dangerous explosive upon the city scarcely exists.

SALOONS PREPART TO GO

Lewis County Much Interested in Dry Law Decision.

CHEHALIS, Wash., Dec. 11.—(Special.)—News that the Supreme Court had sustained the dry law was received with much interest locally. Eleven saloons will go out of business as a result of the decision. A larger number in Centralia and a scattering few in the outside towns of the county, Vader, Toledo, Morton and Napavine have saloons which the new law will affect.

Sheriff Foster, of Lewis County, is expected to demand a strict conformity to the law. Owing to the strong temperance sentiment in Centralia it is expected the local authorities of that city will be strong for the enforcement of the new law. City Marshal Dolph, of Chehalis, is understood to be on record that he will see that the law is complied with to the letter in this city.

THIRD SPAN NOT YET SET

High Wind Causes Delay in Work on Interstate Bridge.

VANCOUVER, Wash., Dec. 11.—(Special.)—Owing to a high wind the third span in the Columbia River Interstate Bridge was not floated into position today. All preparations were made and the span was floated, but the wind made it unsafe to attempt to cross the river.

However, if the weather is favorable, the span will be floated out tomorrow, about noone or 1 o'clock. It is in position on the barges. This is made necessary because of the tide during the night makes it unsafe to leave the span floating on the scows, so they are partially filled.

Kelso Booming Grounds Dredged.

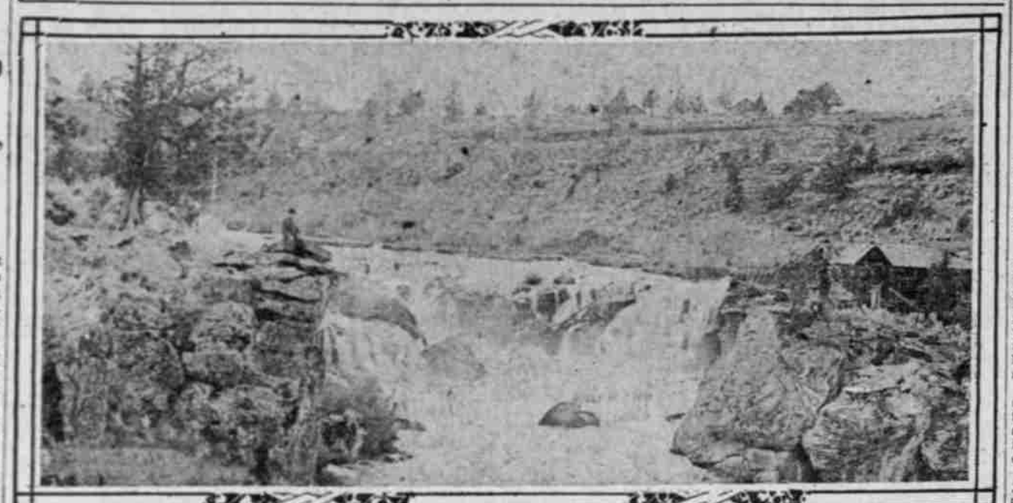
KELSO, Wash., Dec. 11.—(Special.)—Construction of the dike in district No. 17 west of Kelso, has necessitated rearrangement of the booming works at the Inman-Poulsen logging camp on Coal Creek, and to arrange properly the company has to dredge about 80,000 yards of earth from the creek bottom. One dredge with a capacity of 800 yards is at work and another will arrive soon.

H. W. Raught Mayor of Winlock.

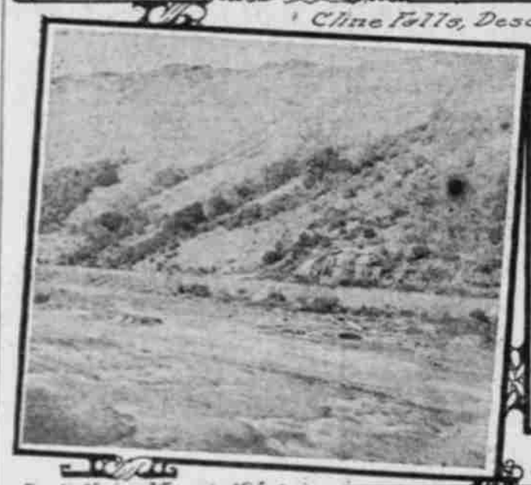
CENTRALIA, Wash., Dec. 11.—(Special.)—H. W. Raught was elected Mayor at the election held in Winlock Tuesday. E. C. Lucas was re-elected treasurer and Thomas Crocker, Ernest Fptedle, A. W. McFee and Gordon Sweany were elected to the Council.

WEALTH AND BEAUTY OF DESCHUTES RIVER GIVE PROMISE FOR FUTURE

Alice M. Hershey Comments on Wonderful Possibilities Central Oregon Stream Possesses With Governmental Estimate of 1,000,000 Horsepower and Raw Material for Manufacturing in Abundance.



Cline Falls, Deschutes River



First Above Maupin Showing North Bank Rail Road

Typical Cow Girl Taken on The Hills By The Deschutes River

Between North And South Junction Below Kaskela

BY ALICE M. HERSHEY.

GATEWAY, Or., Dec. 11.—(Special.)—The Deschutes River is the greatest power-producing stream in Oregon. It has been estimated, through Federal investigation, that it is capable of developing 1,000,000 horsepower, which establishes the fact that it possesses more power than any other two combined streams of Oregon.

When we realize that, of all this vast wealth of power, only a very small amount is developed and used, at this time we are amazed and stop to ponder a moment on the great possibilities of future development.

The time will come when manufacturing, agricultural growth and a greater population will warrant the larger use of the Deschutes and a faint inkling dawns in our minds of the untold wealth this river, with its vast resources, will bring to Central Oregon.

Not only is it a wonderful power-producing stream, but the scenery along its banks beggars description, and it abounds with the shiny, elusive trout, so dear to every sportsman. It is more than 240 miles in length and offers all kinds of scenery and every kind of waterway one could imagine. The stream begins its travels in Crane Prairie, where a couple of ice-cold mountain creeks unite, then comes miles of frolicing, joyous, singing rapids, each bank bordered with heavy timber. The river then winds calmly and quietly on for many miles through beautiful meadows.

Walls Are of Rock.

Beyond Bend the Deschutes enters the canyons where it is hemmed in by gigantic rock-ribbed walls, with the exception of a small open space here and there, for more than 150 miles. The largest open space is near Laidlaw. Winding along the north side of the river for a distance of 35 miles lies the Warm Springs Reservation, sometimes it nestles close to the stream, like a child to its mother, then broadens out into fertile fields and orchards running down to the river's brink. The Government buildings on this reservation are supplied by the Deschutes with their own water and electric light systems. The velvet lawns and blooming flowers at this place show what water utilized rightly can do for these seemingly desert regions of Central Oregon.

During the last 90 miles of its journey to the great Columbia the Deschutes plunges through what is rightly called by many the Grand Canyon of the Northwest. The rugged, jagged walls of the canyon during this 90 miles are many colored, and bursting out of the rocks and hillsides here and there are springs bubbling down over the steep walls, shimmering and sparkling in the sunlight.

When the fishing season opens the stream is fished by hundreds of sportsmen from Portland, Seattle and Spokane.

Fishing is especially fine from Maupin to South Junction and Coleman. The river is accessible nearly all the way by fairly good roads, and camping grounds are fine. There are enough ducks and grouse, fool hens and other game to make camp life interesting to the average sportsman, besides the occasional cougar and lots of coyotes. A fish hatchery is to be started at Bend in the near future, and during the past two years the Deschutes and neighboring mountain lakes have been stocked with trout.

Three mills are being built at Bend which will utilize some of the gigantic water power which now goes to waste. Time is not far distant when men of money and brains will take hold of the Deschutes proposition, and the million horsepower will make millions of dollars, give work to thousands and Central Oregon will enter into an era of prosperity that will delight the hearts of all true Oregonians.

PSYCHIC INVESTIGATORS STUDY PORTLAND CASE

George A. Thatcher Discusses Report of Wife's Communication, Through Sister, With Late Professor Tausch, Once of Willamette University.

BY GEORGE A. THACHER.

A FEW years ago Professor Tausch was instructor in philosophy in the Willamette University at Salem, and later taught languages in the Jefferson High School in Portland. He was a highly educated man, but had never acquired a perfect facility in speaking the English language, and consequently labored under a serious handicap as a teacher.

Two years ago Professor Tausch returned to Germany with his wife and soon after died there. Probably many of his acquaintances in the Willamette Valley have not heard of his departure from this world.

Since the death of Professor Tausch his wife has written to Dr. James H. Hyslop of the American Society for Psychical Research, saying that she had lost her husband and in her distress of mind wished to be convinced of a future life, and hoping that communications from her husband would convince her of it if he actually survived and could communicate. With this idea in mind she asked Dr. Hyslop to recommend to her a psychic.

Dr. Hyslop, in describing the occurrence, said he had never heard of this lady in his life, nor of her husband nor of the small university on the Pacific Coast where Professor Tausch was a teacher of philosophy. Dr. Hyslop replied to Mrs. Tausch that he did not know of any psychic in Germany, but that he could arrange sittings when she returned to America. She replied that she could not come to America, but that she had a sister in Boston who might take sittings in her place.

Sitting Arranged With Psychic.

Arrangements were made for the sittings by Dr. Hyslop who in these matters never gives the sitter any information about the psychic, either name or address. The psychic was put in a trance before the sitter was admitted so that the psychic had no knowledge of the sitter. It is understood, of course, that in attempting to get communications from departed souls the question of identification of the communicator is for practical purposes the whole problem.

Trivial incidents connected with the departed one furnish the best evidence of identity if they are unknown to the psychic, and especially if they are also unknown to the sitters. If these incidents are sharply defined and are not known to the psychic, and if in addition, the psychic does not know the sitter, there is at least a presumption raised that the communication comes from the intelligence who had personal knowledge of the incidents.

With this preliminary I will give some of the details of this sitting which are published in the Journal of the Society for Psychical research. At the beginning of the automatic writing the circle was made which has been used for the sign Omega by Professor James in his communications. I wrote a somewhat detailed account of the communications from Professor James for The Oregonian of June 16, 1912. He adopted the sign Omega and also used his initials "W. J." in his signature to automatic writings.

Known Signature Appears.

The significance of the sign Omega in the present communication to a sister of Professor Tausch's wife lies in the fact that Professor James was a personal friend of Professor Tausch and during their lives they had discussed the question of survival and communication. This was unknown to Dr. Hyslop, as well as to the psychic, at the time of the sitting. In answer to a question as to the meaning of the sign Omega the initials "W. J." were given. Then the chief communicator came and wrote as follows:

"I will try to write for her, for it is good to have the chance to do so. We are four over here in a loving group this morning. One woman, three men, all so anxious to tell her about the life we remember and the life we live now. I am not entirely new to this belief and neither is she and her own experiences ought to help at this time.

"I did not want too much of this talk before, but I cannot get enough of it now. I did not want to die. I don't know as anyone does, but anyway I wanted to live and accomplish things and finish my work, but it was no use. I could not weather the gale."

This writing was to a woman, but the psychic did not know whether a man or woman was present. Also a little later the communicator referred to the lady who wished to hear from him as "belonging to me," an expression used by the psychic to denote husband or wife. Her own experiences are also referred to and it was later learned that the communicator's wife in Germany is quite a psychic but distrusted her own experiences as possibly due to imagination or subconscious action.

Wife Substantiates Observation.

A question was asked of an intermediary as to the communicator's work and the answer was "philosophical" and that he "philosophized about everything," which was true.

This intermediary, before going, referred to an action of Professor Tausch indicating that one or two teeth had been extracted and referring to some dentistry which involved that space. This is an incident which will fill the skeptic with joy. A discussion of teeth and dentistry work coming from the "Isles of the blest" is, to the Christian believer, a shocking reversion to savage animism. Its trivially is also disgusting. However, Mrs. Tausch writes from Germany:

"He lacked just one tooth, but the cavity was not visible. He had, however, a tooth filled in Portland, Or., about a year ago and was very much dissatisfied with the dentist and refused to pay the exorbitant price he asked."

As a means of proving identity at a sitting in New York while his wife was in Germany it may be included with other efforts to satisfy his widow.

At a sitting the next day the communicator said: "There was a great deal of pain in my head. I could not seem to think clearly, so much confusion. You know what I mean."

Mrs. Tausch writes that her husband did suffer a great deal of pain in the head and that a short time before his death he was delirious and talked incoherently at the last.

At this point the communicator made a statement which was untrue. He said that his children needed him more as an adviser than as provider.

He went on: "I wish to prove to them all that I was not a fool to be interested in this belief of spirit. It is not so easy to prove as it is to believe. I also had some records I had been much interested in."

Question. "Do you mean they were your own?"

Answer. "No."

Q. "Whose?"

A. "Others. My personal experience was limited."

Q. "Yes. Do you know whose records they were?"

A. "Yes, J. had some."

Q. "Let me be sure what the J is for?"

A. "My friend James."

Professor James was a friend of the communicator and Mrs. Tausch wrote in reply to inquiries that Professor James had given them records to read and they had done so.

Library Is Mentioned.

The communicator went on:

"Does she remember how I used to fuss about clocks? I wanted them to be right."

Also: "My books, does she not know about my books and library, so many of them which have been annotated for use?"

The sitter, Professor Tausch's sister-in-law, said she knew nothing about his private and domestic life. Mrs. Tausch, however, says that her husband did fuss about the clocks a great deal, especially a cuckoo clock, which he always wound up. As to annotating his books, she says: "Well, he was the greatest man for that. He always read with a pencil in his hand."

The writing goes on: "I want to speak about a glass and a small bag in which I carried papers, manuscripts and the glass was a magnifying, reading glass. Ask her if she recalls either of those.

"And I recall trying to do some work just before I came here. That you probably know already."

Mrs. Tausch writes regarding those incidents: "He carried a bag in which he put his manuscripts. He did not use a magnifying glass, but carried eyeglasses in his bag and always lost them. He had planned an essay on 'The Relation Between Science and Religion,' but he died before he could do anything with it."

There was an effort to give the communicator's name, and Tausch was given phonetically several times. Dr. Hyslop says he tried talking German with him and got a few disjointed replies in German, among them the relationship of the sitter to him. The psychic does not know any German except four words.

There was also a reference to some evergreen trees near his grave, which had been cut to a conical shape. Mrs. Tausch knew nothing about the evergreens, as Professor Tausch was buried in Silesia. However, she had some photographs taken, and these photographs showed conical-shaped evergreens near the grave.

Incidents Are Confirmed.

Dr. Hyslop says in concluding his summary of the report: "What I want to emphasize is the fact that the incidents required confirmation by correspondence with Mrs. Tausch, who was in Germany and the only person who knew the facts, in order to ascertain their truth or relevance."

In regard to the possibility of guessing or coincidence on the part of the medium, Dr. Hyslop has to say that with guessing much the same incidents would be repeated in the hope of making them fit, but this psychic observes the personal equation and does not refer to a man as a philosopher unless he is one.

The incidents in these communications in New York purporting to come from Professor Tausch, who lived for several years in Oregon and who later died in Germany and whose wife was in Germany at the time of the sittings, are numerous enough and accurate enough to call for some explanation. The sister-in-law, doubtless, knew of some facts, but she disclaimed any knowledge of Professor Tausch's private and domestic life, while Dr. Hyslop and the psychic were entirely ignorant of Professor Tausch and his family.

Either the psychic was able to fish from the memories of persons not present and as far distant as Germany the appropriate facts and present them as she did, or else they came through her personality from some discarnate intelligence which was intent on offering means of identification of the late Professor Tausch. Either theory is interesting as furnishing proof of remarkable capacities of the human mind.

Most persons will decline to form any opinion on the ground that doubt indicates intellectual acuteness instead of mental paralysis; and yet if the evolutionary process in the religions of the world be admitted, what is more reasonable than to accept the central fact of animism—belief in spirits as well as in communication with them—as the basis of modern religions? What is the authority of the church if it is not the authority of hard-won facts?

Heaven's light forever shines, earth's shadows fly;
Life, like a dome of many-colored glass,
Stains the white radiance of eternity.

Aberdeen Has Motor Patrol Wagon

ABERDEEN, Wash., Dec. 11.—(Special.)—Aberdeen's new police patrol automobile, which cost $550, made its appearance here today. It is the first time that a police patrol wagon has been used in the history of Aberdeen. It will carry about eight passengers. It also is to be used as a city ambulance.