**RIVERS IN THE AIR** 

Curious Play of the Winds In the Yosemite Valley.

## EBB AND FLOW WITH THE SUN

These Air Currents or Air Falls Are So Regular That They May Almost Be Timed-Mirror Lake and the Spray Combs at Bridal Veil Falls.

Did you know there are air falls in tue atmosphere just as real and apparent as are the waterfalls you have so often viewed with admiration and delight because of their natural beauty? In the famed Yosemite valley the most interesting feature is, to the scientist perhaps, its winds.

The winds there are seldom more than light zephyrs, moody and capriclous to the ordinary tourist, but when rightly understood one of the wonders are told by Professor F. E. Matthes of the United States geological survey in the Sierra Club Bulletin.

In no other place in the entire world perhaps are the air currents more sysmatic and regular than in the Yoseme valley, he says. In the first place, sup naturally heats the ground ore rapidly than it does the air us every hillside basking in the sun omes a heat radiator and gradually rms the air above it, so that the air. coming lighter, begins to rise.

But under these conditions the air oes not rise vertically because the air directly over it is still cool and is pressing downward. Therefore up the sides of the warm slope the heated air makes its way. That is why the tourist making his way up the mountain slope with the sun on his back finds his own dust traveling upward with him in a choking cloud.

But on coming down the same trail. when the face of the slope is in the shadow, the dust ever descends with the traveler in the same irritating cloud. When the face of the mountain is in the shade the air is cooling from the face of the slope and is pressing its way down into the valley.

Just as soon as the sun leaves the slope of the mountain the earth begins to lose its heat by radiation and in a very short time is really cooler than the air. The layer of air next the face of the hillside chills by contact with the earth and, becoming heavier as it condenses, begins to press down along the slope. Thus there are normally the warm up draft on the sunny slope and the cold down draft on the side in the shadow. In a windless region like the Yosemite this rule may be depended upon at almost any time

But in the Yosemite, with its bold cliff topography, these upward and lownward air currents are somewhat iterrupted. On every sunny slope old cliffs create shadows, and conseuently there are downward air curnts or local breezes daily at regular irs as the shadows come and go. acter Point is one place in particu-

#### QUEER MARINE ANIMAL. WEIRD COINCIDENCES. the "Portuguese Man-of-war" is a

Veritable Fairy Ship. The "Portuguese man-of war" is held

to be one of the most beautiful of all the so called pelagic animals and is a veritable fairy ship, with suil that can be elevated or lowered, that can throw out a dredge or haul it in-in short. one of the most attractive of all marine animals and at the same time one of the most dangerous.

This little animal has been called a "poem in satin," yet it conceals under its attractive exterior an armament that is capable of overpowering a foe of a thousand times its size. In fact. the physalla stands in the same rela-Non to many other marine animals of its size as a well fitted torpedo submarine boat would to an old line of bat-

tle ship of the Constitution class. If one but touch the purple tentacles a realizing sense of this power is at once experienced. The finger stings as if needles had been thrust into it, and when the tentacles are placed upon a spot where the flesh is sensitive of the valley. These interesting facts the pain can only be compared to that produced by melted lead or boiling oil. One scientist nearly lost his life in

an engagement with the little craft. The man had a habit of swimming on his side, an unfortunate habit in this case, inasmuch as his view to the right was obstructed when one day he swam over the tentacles of a large "man-ofwar." He was in about seven feet of water, and the contact immediately gave the swimmer such a shock that he almost lost the power of motion and sank.

As he struck bottom with his feet he pushed up and partially recovered himself-sufficiently at least to call for help. Some laborers at work near by sprang into the water and carried him ashore. By that time he could breathe only with extreme difficulty, this being the most serious symptom. The pur ple mass was scraped from the skin with knives and razors, but it seemed to have sunk into the flesh. For six or seven months afterward he could very readily have passed for a tattooed man, the entire middle and lower portion of his body being covered with the most fanciful tracings.-Harper's.

## WHITE WINGED PEACE.

#### A Great Scheme For Averting Wars In the Future.

Writing on the difficuities of putting an end to war, F. P. Dunne says in the Metropolitan:

It is an interesting theory that it is not tough minded old statesmen who never sit in a room in those countries drive tender youth to war. It is youth itself which tugs on the leash and pulls the unwilling statesmen. We can well life at Sopiapo. Accordingly, he openbelieve that this is so. The courage of ed the door. No sooner had he done youth is pure fearlessness. The young are not afraid of death. They regard is as something that cannot possibly happen to them. They apprehend it intellectually, but they do not feel it; hence we propose to our fellow peace commissioners this plan for averting wars to future.

In nearly every country there is a maximum of age limit for enlistment or conscription. It is in the neighborod of forty years. Now, why, in the interests of peace, would it not be well to make a minimum age limit instead? Suppose we say that on the first call only men over sixty could be drafted, and on the second only men over fifty, and on the third only men over forty, and no man under forty could be permitted to fight. How long then would wars continue? The first call would be answered by a storm of doctor's certificates, the sec and by the prompt suspension of all banks, and on the third call a body of resolute patriots who had long been onscious that death regarded them wistfully would proceed at once to the palace or White House or ministry of foreign affairs and lynch the king. president or minister who proposed this outrage on civilization.

#### Curious Repetition of a Train Wreck and a Lucky Escape. Lord Acton for many years kept a record of coincidences. A very strange

one occurred within his own experience. A rumor had spread that his wife had drowned herself. She had done nothing of the kind, but it was quite true that a Baroness Acton had drownrd herself at Tegernsee, where Lord and Lady Acton were staying, and had drowned herself under their very window.

The strangest of all coincidences noted by Lord Acton concerned Sir Edmund Berry Godfrey, who was murdered at the bottom of what is now Primrose hill, but was then known as Greenberry hill, in London.

Three men were hanged for the murder. Their names, respectively, were Green, Berry and Hill.

Some years ago a well known business man, who was accustomed to make weekly trips between an eastern city and Chicago, had the uncomfortable experience of having a wheel break immediately under his seat while the train was going at full speed. It was only by the most fortunate of leaps that he was able to escape losing his life. Naturally this experience made a very deep impression upon him.

It was almost a year later that he took the same train and by a strange chance was assigned the same chair. During a chat with a friend whom he had just met he glanced out of the window and recognized the landscape and the very spot of his narrow escape. He told the friend the story of the broken wheel. Just as he reached the climax of his recital, saying, "The cold shivers go down my back at the mere thought of it-there it is again." in credible as it may seem, the identical accident happened on the same train, almost between the same two fields adjoining the track, and the victim of this oddest of coincidences barely es-

caped the same way as before. Such weird coincidences are always difficult of credence, but no less an authority than Darwin, the naturalist, mentions one of the same kind, though different in degree. One of a party whereof Darwin was a member was speaking of the earthquake of Talcahuano, in northern Chile, on which occasion the father had lost all his property and the narrator himself had barely escaped with his life. Then, writes Darwin, there ensued a curious coincidence. A German, one of the party, got up, saying that he would with the door shut, as, owing to his having done so, he once nearly lost his so than he cried out. "Here it comes again!" and another shock commenced. The whole party escaped .- St. Louis Republic.

#### Abandoned Mines.

Old worked out mines are often highly dangerous. When they are almost forgotten the ground above them will sometimes cave in with disastrous results. It is not an uncommon thing old mining district to



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## NOTICE.

NOTICE, is hereby given that the County Court of Tillamook County, Oregon, will receive sealed bids for clearing, grading and graveling of the right-of-way of what is known as the E. E. Cross Road commencing at the W. W. Conder Bridge and extending to the "Hebo Store," on the new survey, according to the plans and specifications on file at the office of the County Clerk.

Said bids to be made separate for the grading, and for the graveling. A certified check equal to 5 per cent of the amount of the bid must accompany each bid as a guarantee that the bidder will execute a bond for the completion of the contract if awarded the same.

All bids to be filed in the office of the County Clerk of Tillamook County, Oregon, on or before 10 o'clock A. M., Wednesday, the 3rd day of April, A. D. 1912.

The Court reserves the right to reject any and all bids. By order of the County Court, March 8th, 1912.

J. C. Holden,

SEL

which Professor Matthes says shadowy effect on the air curs may readily be tested by casting Il bits of paper into the air. As e afternoon wears on and the shads in the valley gather the cold draft n the hills pours downward, forming the valley like a great river and flow ing on to the plains below. Every side canyon and valley sends its re-enforcements, like the tributaries of a great river, to this general air current flowing onward to the plain.

With the return of the morning sun the earth at the tops of the bills is warmed and the downward current in the air is suspended. The up draft soon begins as the sun shines into the valys. The air currents are so regular hat they may almost be timed.

Few realize, says the author of the paper, that it is on these reversing air furrents that one of the chief attrac dons of the Yosemite depends. Miror lake, to be viewed at its best, must e seen to the early dawn, when the effections are most perfect.

The lake is stillest and its surface most mirror-like when the cold night currents have ceased and the uprising day currents of air have not yet begun. Yet unless one is punctual he will miss the chief beauty of the place. for this perfect stillness is as brief as the turn of the tide.

In the evening and during the night. when the down draft of air from the mountain sides is strong, the stream of cool air pressing down the slope plunges over cliffs, just as water is seen to fall from similar heights. On either the Yosemite fails or the Nevada falls trails this air fall curiosity is rendily encountered in the evening.

During the daytime, on the other hand, the air rises vertically along the cliffs and up into the bauging valleys. taking part of the spray from the falls along with it. A pretty example of the air carrying the spray from the fall spward may be seen at Bridal Vell falls, where two little combs of spray, one on each side of the stream, stendily curve upward over the brink. As soon as the sun is off the cliff

these spray combs cease to exist.

#### An Attraction.

"I hear your new minister is very efficient."

"Oh. yes." "How about his wife? Is she doing auything to bring people to church?" "Indeed she is! Wears a different

gowo every Sunday."- Washington Herald

Gossin is a beast of prey that dom not wait for the death of the creature it derours -George Meridian

#### Napoleon on Shakespeare.

Napoleon had a very poor opinion of Shakespeare's plays. According to Thibaudeau, in his "Bonaparte and Consulate," Napoleon said one day: "Shakespeare was forgotten even by the English for 200 years until Voltaire took it into his head to write him up to please his English friends, and ever since people have gone about repeating that Shakespeare was the greatest author that ever lived. I have read him, and there is nothing in him that approaches Cornellie or Racine. His plays are not worth reading."

#### Too Late!

"Do you know who her grandfather was? Have you ascertained anything in regard to her pedigree? Those are things you ought to know about the woman you are to make your wife." "Oh, hang her grandfather!" "My boy, that's just what they did do."-Youth's Companion.

#### He Didn't Understand.

"Then you don't want no cranberrles ?"

"No; I've changed my mind, I see your cat is asleep in those cranberles.

"That's all right, mum; I don't mind waking the cat up "-Louisville Courier Journal.

#### Justice.

Justice claims what is due, polity what is seemly; justice weighs and decides, polity surveys and orders; justice refers to the individual, polity to the community.- Goethe.

A Hint THE THE Should Beat It. Staviate (at 11:45 p. m.i-The light is too galos

Miss Weary-Are you going to let it best you ?- Borten Pranecript.

house or even part of a town that has been wrecked by dropping into an unsuspected and long abandoned tunnel beneath. The ordinary preventive method used in American mines is more or less extensive timbering A method used in European and Australian mining districts is the filling of abandoned workings with sand. This is a somewhat expensive method to start with, but once done no further thought need be given to it, as the abandoned mine has practically become once more a part of the solid crust of the earth.

#### Scalping the Dead.

Just when the mutilation of the dead by tearing the skin from the head began will never be known, for the origin is lost in the midst of ages, the record extending back beyond even the myth-Ical period of man's existence. In the book of Maccabees it is recorded that at the termination of one of the battles of which that bloody history is so full the victorious soldiers tore the skin from the heads of their vanquished foes. This would be evidence that the custom of scalp taking was one of the indulgences even of those people of whom we have record in the Bible.

#### All About Stealing.

"Why do you call your story 'The Thieves' Romance?" "Because it is all about stealing." "How ?"

"Well, the story of the romance goes this way: 'She stole a look; then he stole a kiss. Next they had stolen meetings, they stole a march on their friends, and both stole away." "I suppose the next thing they will be stealing back."

#### Play Was Over.

A German general on inspecting his troops at the close of the war addressed them thus:

"Now, my children, we can once more get seriously to work. The pastime of war is at an end, and drill must go on regularly, as heretofore."-London Ttt-Bits.

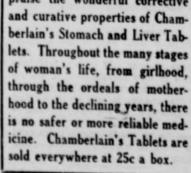
Wanted His Fee. "What did your lawyer friend say when you asked him for his daughter ?"

"He refused to answer any question without a retainer."-Satire.

A Hint to Headquarters. Head of the Firm-I don't see how you are going to support a wife on your present salary Smark Clerk. Neither do I, sir. -London Punch.

Many things are well done that are

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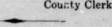


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NOTICE.

NOTICE, is hereby given that the County Court of Tillamock County, Oregon, will receive Sealed Bids, for making fills in the County Road, as follows: Beginning at the North line of Tohl's Addition to the Town of Nehalem, running North 1440 feet, thence East 385 ft. to an intersection with the present County Road.

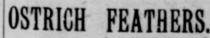
ALSO; for grading a wagon road running from the north end of the Bridge across the North Fork of the Nehalem River to the trestle across the Creek near the Larson Hotel in "Upper Town" Nehalem, in Section 23, including the fill across the Schollmeyer bottom, according to plans and specifications on file at the office of the County Clerk.

A certified check equal to 5 per cent of the amount of the bid, must accompany each bid as a guarantee that the bidder will execute a Bond for the completion of the contract if awarded the same.

All bids to be filed in the office of the County Clerk of Tillamook County, Oregon, on or before 10 o'clock A. M. Wednesday, the 3rd day of April, A. D. 1912.

The County Court reserves the right to reject any and all bids. By order of the County Court, March 8th, 1912. J. C. Holden.

County Clerk.



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