First Actual Photograph From Mexico of the Great Battle Fought Near Juarez



To the right is General Villa, who won the hardest-fought battle of all those fought in recent rears in Mexico. The picture shows Villa accompanied by General Rodriguez, starting out on the charge that precipiated the big fight. Durborough says: "Villa is the coolest, cruellest Sghting machine of a man I have ever seen." To get the se pictures, Photographer Durborough, for The Advertiser, penetrated fifteen miles south of the Texan border. He was under fire more or less ments of contemporary thought, and he all of last Monday, and got back to Juarez in the train which the rebel commander sent back for moved from anything which modern wat er. While lying on the 900r of the box car six shots went through the side of the car from the had that starkly honest the Federalist guns, and bullets from the machine gunes and infantry rifles were 9ying thick

ROLLAND GARROS EXPECTS TO FLY during the whole trip. FROM UNITED STATES TO ENGLAND

Famous Airman Declares That darkness. To Cross the Atlantic in an Airship Will Soon Be a Comthe Route That He Will very carefully. Follow.

(St. Louis Republic.) Flying from New York to London from sunrise to sunset will be accomcording to conservative persons who hausted its life in the one journey.

are interested in aircraft. Just how far away that day is, of course, can only be conjectured, but men who are now endeavoring to solve the mysteries of air navigation predict it will come in their day and genera-

Allan R. Hawley says the flights made during the past few years truthfully forecast successful frips across the Atlantic Ocean.

The world has arrived at that stage in aerial navigation that has recorded sustained flights of almost fifteen hours. One aeronaut has sailed over the Alps, another flew from St. Petersburg to Paris, a distance of 1,200 miles, without pausing on the way.

It was considered a wonderful feat

when an aeroplane flitted across the when an aeropiane inted across of a dozen such voyages within the speed of a following would not surprise those great bird, and the whole world applauded Roland P. Garros when he made a successful flight over the Mediterranean Sea.

be done, says Garros, and he is will- age of 4,500 miles. This would be ing to risk his life in the attempt.

While Carros does not expect leave the New York harbor at dawn points, Iceland and Newfoundland. He and land in London at dusk, he is might after the first leg of the flight firmly convinced that this wenderful and land at the Faroe Islands, accomplishment will, be recorded on proximately 500 miles from the British Aeronauts have held their machines even this would not eliminate the the pages of the future.

in perfect control while travelling at grave disadvantages under which we a speed of close to 150 miles an hour, would labor. Continuing, Mr. Hawley and have made an average of 200 miles attainment of this tremendous speed made when motor, man and mood are for a period of nours is no longer a best. It might be accomplished with the seriously nandicapped, even if they theory, then will it be possible to cross out a mishap. Iceland possibly could rose high enough to clear the fog. Then, for a period of hours is no longer a best. It might be accomplished with-

the wide Atlantic between sunrise and be reached easily, but from Iceland to

Garros' flight over the Mediterranean Sea was so infinitesimally small in comparison to a trip across the mon Occurrence, and Tells Atlantic that it must be considered

He covered approximately 500 miles without a stop. True, he followed Corsica and Sardinia, and had to travel only about 250 miles over open water, but he accomplished the long journey successfully. His machine was able to continue the flight if need be to show that it had not by any means ex-

A machine of twice or thrice the ustaining -power; speed and endurance certainly would be able to cover more than twice or three times the distance over the Mediterranean, and that would be sufficient to encompass each leg on the voyage across the At-

Garres says he can cross the Atlantic. That, of course, is only theory, but many firmly believe that he or some other aviator equally confident soon will step forth with a well-tested the rial route across the Atlantic

foremost in the aerial world. Garros Route. Garros selects his route from the British Isles to Iceland, thence to Newfoundland and New York. This would prehistoric times, when all was molten, This feat was a miniature of what a make the first leg of his journey 1,000 flight from New York to Europe would miles long, the second 2,500 miles, and It can be accomplished and will the third 1,000 miles—a complete voydoes not expect to recorded and counts only two relay

The initial stage of the journey is

be reached easily, but from Iceland to year, but "age could not wither nor probably the worst section of the Atprobably the worst section of the Atlantic Ocean the aviator could choose. This leg of the journey would be 2, 500 miles long, about the same as from Ireland to Newfoundland. It would be over a part of the ocean which is little traversed by ships and where sudden blasts out of the Arctic Circle to the soles of his feet a Radical and Hacker. The friends, Lyell and little traversed by ships and where would bring great changes in the temperature that might be fatal to the

No Haven of Safety.

No haven of safety would be open to ne imperilled aerial mariner, for the only he bleak and barren coasts of Greenland gularly lotty and noble nature." and Labrador. The former is perpetually a mountain of ice, with a plateau that

coast, and these habitations would be so ciated," says the Times. than it the aviators dropped into the little extremity of a small number, they are diffused hours, and was written down with soon will step forth with a well-test vincean, because in the latter extraction of a small number, they are unitused mours, and was written nown with create and make the effort. Members, they would have a slight chance of beard and create an atmosphere every-such a sketch of its various applications and make the effort.

will be discovered within the heat as good years. And once the way is shown a even werse than Greenland, because a reason might be included in this small years. And once the way is shown a even werse than dischard, because the reason might be included in this small the painstaking and patient student.

dozen such voyages within the year landing place could not be found there class the group of publications de-Such being the facts, I should have Yountains. Where there are not vast i gin forests, with no open places that night offer a landing, the earth's contour is volcanic in its nature, dating back to

Great hills of gneiss formation, jagged, tumbled and cloven by abrupt chasms ginding in all directions make the coast ine formidable as a place for the best airman to land on.

Aside from these drawbacks to the ators would have to traverse more than garded in the pre-Darwin and pre- recognized, as the sole and undisput-Iceland route over the Atlantic, the avi-30 degrees of northern latitude with the call forth the utmost vigilance to keep deep and wide as that separating pre- in all its far-reaching consequences. attendant atmospheric changes that would the machine and men from freezing. Danger From Fog.

Around Iceland and Davis Strait the ost impenetrable and persistent fogs abound, so dense that the aviators would he seriously handicapped, even if they

Mr. Jones-Brown (after banquet)-These latest improvements ish all right (hic), but when it comes to moving

again, the Arctic storm is so sudden it journey might overwhelm the airmen before they length. could make a landing. It is the belief of many that some such evil influence foundlan overtook Salomon Auguste Andree and his daring companions, fifteen years ago, Arctic Circle and reach the north pole by balloon. They flew from Spitzbergen by balloon. They flew from Spitzbergen allel of latitude, with a practically unany warying temperature all the way. This they attempted to ravigate the tions for good weather, and after going about 200 miles north were never heard

Few believe they came down in the that in such an event parts of it would so long as the journey from St. Petersfloat out in time to let the world know burg to Paris, but, of course, would have of the tragedy. Not a vestige of it ever to be made without mishap serious has been found, and those most versed in polar lore believe the balloonists came to part in somewhere on Greenland's icy pose, it could glide to the ocean for recurring and were upable to make their mountains and were unable to make their temporary repairs.

Way to a habitation on either coast.

But the chief advantage of such a route way to a habitation on either coast.

Just why such a route should be selected it is hard to imagine. Its longest leg is about the same distance as from the Irish coast to Newfoundland, with no apparent advantages over the latter. giving the airman assurance that he A far more favorable route lies open. The navigator could leave the European coast along the shores of Spain, fly theace to the Azores Islands, to Newfoundland and to New York. The three legs of this chine.

From Spain to the Azores is approximately 1,000 miles; thence to New foundland, 1,500 miles, and to New York, 1,200 miles, or 3,700 miles in all. Numerous advantages are offered by such a route. In the first place, the avi-

would insure for his motor increased efficiency under the long strain. The first thousand miles would be made when the motor is cleanest and in Polar Sea or any other body of water, best working order. The second leg. because their expedition was so equipped heading for Newfoundland, would be not

would be that the worst part of the jour-

A SEARCHER FOR TRUTH WAS ALFRED WALLACE

science and, in the end, influenced

Dr. Alfred Russel Wallace, "who was a daring pioneer in 1850-60, their actions. Times, "talks much and often in the was among the most receptive and terms of Darwin and Wallace. In the open-minded of thinkers when be died in a ripe old age," says the early sixties their teaching might b "And through all that he a mere theory, of real interest only to driving forces of the world. Not only did, while his activity overflowed into many channels, ran a thread of the teacher, the moralist, and the preacher, but even men of action have continuity; there was to the end the same earnest search for truth, the same wonderful industry in garnering facts; the same wide outlook and the same indifference to anything which might turn him aside "He leaves us full of years and authors of the theory which more than from that quest to meaner things." honor and his name is known to any other has affected the life and all the world; but he was one of the few men of great age of whom it could be said that he had not survived himself and his departure deprives us of a living spirit" says the Westminster Gazette

A Starkly Honest Mind. "His mind was agile enough, even in old age, to keep up with the move-

"What Wallace's fiery, restless courage could achieve needs now no record," says the Daily News. "It is recorded for ever in a work and life as tun and as noble as any in the long

Always Toward the Future. Dr. Wanace had passed his 90th gaze was always towards the future. A ten an outline of his views, which he a Socialist, he favored sweeping re-forms in the social order, and his possible lest he should be fores alled heart overflowed with love for the but Darwin always refused till he had poor and the humble. His bold, origin- got together the whole of the material al, inquiring mind was united to a very for his intended great work. Then at reverent spirit. He was a man of sin- last Lyell's prediction was fulfilled,

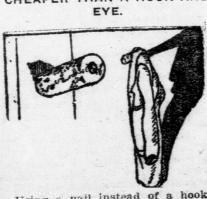
and without any apparent warning my Ideas With Hands and Feet. "Dr. Wallace will be long held in belt from the cloudless sky. How difmountain of ice, with a plateau that remembrance as one who influenced ferent from this long study and prethe fundamental thoughts of his paration, this philosophic caution, this The whole region is uninhabited except generation in a degree, and in ways determination not to make known his the whole region is unumanifed each which can only now be appre- fruitful conception till he could tack tar away that the aviators would be unble to reach them before their scant events. There are, too, a few ideas apply of food became exhausted. Hope which have, so to speak, hands and pply of food became exhausted. Hope which have, so to speak, hands and "The idea came to me as it came rescue would be more remote even feet — such is their grasp, so rapid to Darwin, in a sudden flash of inthan if the aviators dropped into the their motion; at first the property sight. It was thought out in a few

crait and make the enot. They would have a shift that a strangling sealer or where present and breathed by all, tions and developments as occurred to "Among such epoch-making books the mind at the moment. Then is was Labrador, which would be several hunnot hesitate to excress the belief that the course the rial route across the Atlantic will be discovered within the next five in which the law of natural selection spective shares of Darwin and myself was suggested as an explanation of the had thenceforth been estimated processes and changes in organic life. roughly proportional to the time that It is barely half the truth to say that each had bestowed upon his theory every book upon zoology, botany or the when it was first given to the world cognate sciences which has seen the -that is to say, as twenty years was

light in recent years has been pro- to one week. If Darwin had listened foundly affected by this theory, and to his friends and had published his that every biologist looks at the prob- theory after ten years, fifteen years, lems of changes in species and varia- or even eighteen years' elaboration tions in organisms in a light wholly different from that in which it was re- cognized, and should ever between the old and the new almost as of the great law of "natural selection"

It was a singular piece of good luck that gave me any share whatever in the discovery. An Epoch-Making Thought, the thought which 'sud-"The thought 'suddenly flached upon Wallace as he lay upon a sick-bed at Ternate-which had occurred independently and almost simed that Wallace was entitled to an ultaneously to Darwin in accordance equal share of the honor of discovery, with that law of synchronism so often says the Post, "On the other hand there can be no doubt that Wallace's illustrated in science from the time of Leibnitz and Newton-had had effects far transcending events upon which letter was most opportune. the ordinary historian cares to dwell. had so convinced himself of the neces-It matters not that later investiga- sity of basing his theory on facts that tors may think that Darwin and Wal-lace did not find the ultimate laws of lecting and observing before he finally descent and changes in life. They showed the way which has led to permanent results, and some not confined to phy-Hooker, 'Wallace's impetus seems to sical science. Their speculations passed into and sank deep in the minds of men knowing, it may be, nothing of

CHEAPER THAN A HOOK AND



Using a nail instead of a hook for strong in the land, and contemptuous torn by the snarp, rough head of the nail. If a long cork or one or two short corks are driven on the nail before it is put in the wall or closet door, the clothes will be protected and the nail banger or neg will give as good ser- and that sort of thing was not corks. The outlook is very hope ful. Wallace never forgot it, and he went will be smitten enemy right on pursuing the smitten enemy right of the very end," says the Star. The old man has gone down with without the very end, says the Star. The old man has gone down with without the very end, says the Star. The old man has gone down with without the very end, says the Star. The old man has gone down with without the very end, says the Star. The old man has gone down with without the very end, says the Star. The old man has gone down with without the very end, says the Star. The old man has gone down with without the very end, says the Star. The old man has gone down with without the very end, says the Star. The old man has gone down with without the very end, says the Star. The old man has gone down with without the very end, says the Star. The old man has gone down with without the very end, says the Star. The old man has gone down with without the very end, says the Star. The old man has gone down with without the very end, says the Star. The old man has gone down with with the very end, says the Star. The old man has gone down with with the very end, says the Star. The old man has gone down with with the very end, says the Star. The old man has gone down with with the very end, says the Star. The old man has gone down with the very end, says the Star. hanger or peg will give as good ser- an ape; and that sort of thing was victory. "In spite of my tirade against victory." Wallace."

"The world at large," adds the

in thought, speech, and otherwise been affected by the doctrine of the selec-

tion of the fittest in one or other of

Something Like a Spirit.
"Alfred Russel Wallace will be re-

Westminster Gazette. "Again and

again it has been noticed in the history of scientific discovery that there

was something like a spirit moving on the face of the waters which sim-

ultaneously affected two men, or even

groups of men, and brought them

almost at the same moment to the

Society of the 'joint paper by Messrs. C. Darwin and A. Wallace' showing

the independent approach of both to their common conclusion is the model for all time of the honorable method

of resolving a friendly contention of this kind. Darwin as it happened,

gave his name to the theory and got

the greater glory from the non-scien-tific public. This was immaterial to

Wallace, who has had to the full the

acknowledgments which were his due

A Flash of Insight.

At the celebration of the fifteenth

etter reached Darwin like a thunder-

A Young Man in a Hurry.

of it, he would at once have been re-

Effect of Wallace's Letter.

magnanimity and generosity of Dar-

win, who throughout his life maintain-

ventured to make public his theory.

have set Darwin going in earnest; 'and I am rejoiced to hear,' he added,

that we shall learn his views in full

at last!' On July 1, 1858, the joint papers of Darwin and Wallace 'On the

tendency of species to form varieties, and on the perpetuation of varieties, and species by natural means of selection' were communicated to the Lin-

nean Society by Sir Charles Lyell and Sir Joseph Hooker. Their effects on scientific thought cannot be estimated or realized. It would be difficult today.

to think of biology without the theory which they precented for the first "The Outlook Is Very Hopeful." "Science was fighting for dear life

in the days when Wallace and Huxley and Darwin won their great triumphs. The Philistine, effectively disguised as Bishop Wilberforce, was

But, as Huxley said in a letter

"One cannot but marvel at the

from the scientific world.

"The communication to the Linnean

membered hereafter as one of the two

its various forms."

same conclusion.

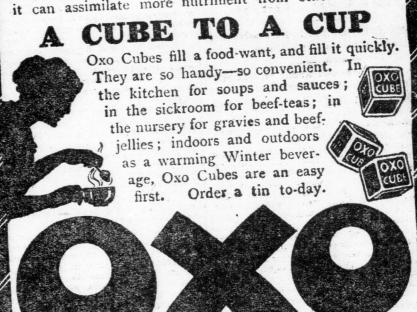
Mother says OXO Cubes are what she has been looking for, for years

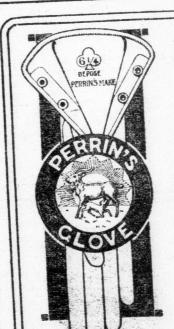
Oxo Cubes fill a need that has been felt for centuries. Meat-extracts and Fluid-beefs are all very well in their way, but they were only steps in the evolution of Oxo Cubes.

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advantage because cloth is liable to be torn by the sharp, rough head of the

It went down with the public. Russel 'I don't think we need worry about