

# Designs New Racing Craft

London—The famed speedboat racer, H. Scott-Paine, despite the severe licking he took from Gar Wood in Detroit, has not given up. The lure of swirling waters still holds him.

He is now working on a speedboat for the British Air Ministry on a design which he calculates will revolutionize existing theories of naval architecture.

Although the greatest secrecy is being maintained, he has revealed that in many essential respects the new boat is based largely on the design of Miss Britain III.

This is the craft he used in his race against Gar Wood and in which he recently broke the record for a single-engined motorboat with a speed of 100 m. p. h.

# Develop Pullets' Body Before The Laying Begins

The proper feeding of chickens during the period of early development is of vital importance in determining their future laying capacities, so tests at the Branch Station farms near Willard and Swannanoa during the past five years have proved.

"One of the most critical periods in a bird's life is that between the time it goes off the starting mash and the time it is placed on a laying mash diet. The feeding should be such as to bring the birds to bodily maturity at approximately the same time they start laying, and not before," says Roy S. Dearstyne, head of the State College Poultry Department. "After the birds start laying, most of their food goes into egg production and very little, if any, goes to skeleton growth. Hence, a bird that starts laying before it has reached full growth is liable to remain undeveloped and will seldom have the stamina needed by heavy producing hens."

Dearstyne makes the further observation that too great an amount of protein in the food before the laying period is apt to start the pullets laying too soon. An excess of carbohydrates or a feed of cereal chops alone are conducive to too-early laying. A good feed should have the proteins and carbohydrates well balanced.

A mash containing 15.1 percent protein, of which 4 percent was animal protein, fed along with the regular scratch feed was found to give the best results in the experiments conducted with Rhode Island reds and White Leghorns. Fed on this diet, the birds reached sexual and physical maturity at approximately the same time.

# OUTLAW GANG IS TAKEN

Wanted for murders and bank robberies in the middle west as well as for prison break in Indiana and a jail delivery in Ohio, John Dillinger, outlaw chief, and three of his men walked into a trap of officers at Tucson, Ariz., last week, and are held as fugitives. \$100,000 bond required for each.

# Don't Prolong The Agony!

Next time you suffer from Gas on Stomach, Headache, Sour Stomach, a Cold, Muscular, Rheumatic, Sciatic or Periodic Pains; That Tired Feeling, That "Morning After" Feeling. Get a glass of water and drop in one or two tablets of

# Alka-Seltzer

The New Pain-Relieving, Alkalizing, Effervescent Tablet

Watch it bubble up, then drink it. You will be amazed at the almost instant relief. It is called Alka-Seltzer because it makes a sparkling alkaline drink, and as it contains an analgesic (Acetyl-Salicylate) it first relieves the pain of everyday ailments and then by restoring the alkaline balance corrects the cause when due to excess acid.

After trying many brands of medicines—so-called relief for gas, and all of them a failure, I gave up hopes. By chance I tried Alka-Seltzer—I am more than satisfied. Geo. Bennett, New York, N. Y.

Get a glass at your drug store soda fountain. Take home a 30 cent or 60 cent package.



# VERY LATEST

By Patricia Dow



FOR SCHOOL 8103—Epaulettes and pleats—and what better than the pleats to form broad panels from the belt to hem, and the epaulettes flaring jauntily over sleeves with soft fullness above a band cuff.

The collar leaves the neck comfortable. It may be of white linen or pique if you make the dress of wool crepe or velveteen. If of wash materials—gingham, or in cotton or rayon prints, then have collar, cuffs and belt in white or in a contrasting color of plain material.

THE SMART MATRON 8087—Printed velvet was used for this distinctive model. Pippings of satin give it a smart touch. You will like the slenderizing lines and attractive seaming with just enough flare in the straight-line skirt to give ease.

The raglan shoulder lines are especially becoming to the large woman, as is also the simple effective closing on the waist front.

Faille, broadcloth, sheer woolen or crepe is also suggested for this style.

For PATTERN, send 15 cents in coin (for each pattern desired), your NAME, ADDRESS, STYLE NUMBER and SIZE to Patricia Dow, The Carolina Watchman Pattern Dept., 115 Fifth Avenue, Brooklyn, N. Y.

They say that if everyone would go to church Sunday morning, and put on the plate the price of a gallon of gasoline and a quart of oil, it would help out a lot. However, it might not be safe to trust the plate so near some these folks.

# Begin Taking Cardui Today If You Suffer Like This Lady Did

"WHEN I was a girl, I began taking Cardui," writes Mrs. Maggie Stanfield, of Crandall, Ga. "I was very irregular for twelve months. Nothing did me very much good until my mother began to give me this medicine. Then I got all right, stout and well. "After I was married, I was in bad health. I began taking Cardui again. I was troubled with my back a lot. Was awfully restless. I could not sleep well. I just weighed 90 pounds when I began taking Cardui. I improved rapidly. Before long I weighed 126 pounds. I felt fine. I was able to do a good day's work."

Cardui is sold by druggists here.

# THE FACT FINDERS—AND THEIR DISCOVERIES



WELL, BOYS IF YOU'RE ALL READY LETS JUMP INTO OUR ROCKET-PLANE FOR A LITTLE FACT-FINDING TRIP.

# LITTLE AMERICA AVIATION and EXPLORATION CLUB

With Byrd at the South Pole  
by C.A. Abele, Jr. President

## Dangerous Plans!

ON BOARD THE BYRD FLAGSHIP, JACOB RUPPERT: Jan. 14 (via Mackay Radio). Ice, water or air. It's all the same to Admiral Byrd! I mean that no matter what conditions the elements confront us with, the Admiral has a way of combating them.

Take last Thursday, for example. Up against an almost solid wall of closely packed ice sheets and not knowing whether there was open water beyond to which we might force this steel ship, without damaging her plates in our quest for a rear water door to Little America, Admiral Byrd decided to find out—

by the air. And he certainly did just that thing! At 3:30 in the morning of January 11th, he and June, Bowlin and Peterson, took off in the Condor, in perfect sunny weather, from

Capt. Allan Innes-Lat. 69.50 South Taylor, Our Dog Long. 152.21 West Expert and flew for two hours to Lat. 71.45 South and returned. Part of the time they were up 7,000 feet, scanning the horizon fifty miles away. And what they saw decided the Admiral in his plans and sent them scurrying back to the Jacob Ruppert. As far as they could see to the South there was ice, ice, getting heavier and thicker all the time. No back door there so we must continue skirting the pack the long way around to our future home—if it is still there when we arrive. Believe me, this whole proposition is getting more interesting, if that's the word, every minute. The plane operated perfectly, as usual, and so did its fuel and oil, despite the terrific changes in temperature they have to endure.

So mark that flight down on your map in blue pencil. That's three now—Dec. 21, Jan. 3 and this one. When this flight started we were hot—40 degrees Fahrenheit. A few hours after the Condor returned, we were in the midst of a swirling snowstorm the Admiral had spotted from the plane when they were only 480 miles from Little America and we were bundled in our heavy coats. The Admiral reported: "I saw no land. It is pretty safe to say that no land exists any nearer than the coastal fronts of King Edward VII and Marie Byrd Land. There may be, however, a few low

islands, nothing more. It is just ice-covered ocean."

On your club map you will notice there is an enormous gob of undiscovered land indicated by a broken line from the 117th to the 152nd meridians. Well, Admiral Byrd's three flights along the 117th, 150th and 152nd meridians tell why it will never be discovered. It isn't there! By the time you read this, the Admiral, with two or three companions, may have made one of the most dangerous flights in history. He told me about this several months ago, as a secret. This trip will be to Little America. There they may settle down to wait until the Ruppert or the Bear, or both, can crush their way in. Or it is now possible that he may fly back to the Ruppert. At Little America they will study the terrifying ice ridges which Dr. Lincoln Ellsworth has reported to us as a possible obstacle to getting our supplies from the ships to the base and perhaps do some exploring in the Condor or the big Ford trimotored plane, left there in 1930, which they tell us is all safe and snug—as yet!—with its big supply of cached gasoline.

If they land anywhere except at Little America, with its three wooden houses and its two 70-foot radio masts which Ellsworth says are still standing, the Second Byrd Antarctic Expedition may spend its entire time searching for Admiral Byrd and his two or three fearless companions. Wouldn't that be something? They're taking three months supplies of food, in case—

Commander George Noville tells me he hopes to make an exploration trip of 800 miles or more with the three tractors we've brought. More work for yours truly and more to write about. I could write ten books now!

Don't forget, everybody of high school age or over interested in aviation, adventure and exploration, is eligible, without any cost whatever, to join our club and receive a membership card and a fine working map of the South Polar region to keep track of all our various flights and other exploration trips. Simply send a self-addressed, stamped envelope to Arthur Abele, Jr., President, Little America Aviation and Exploration Club, Hotel Lexington, 48th Street and Lexington Avenue, New York, N. Y., and the club staff there will do the rest.

It is complained that people don't pay their bills as they ought, but they say they would be glad to do so if someone would lend or give them the money.

Many sections complain of excessively cold weather but anyway, they haven't had to worry under these circumstances lest someone would start a nudist colony.

# INSURANCE of All Kinds

## SIGMON-CLARK COMPANY

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# MUTT AND JEFF—WE THINK JEFF SHOULD PATENT THE IDEA

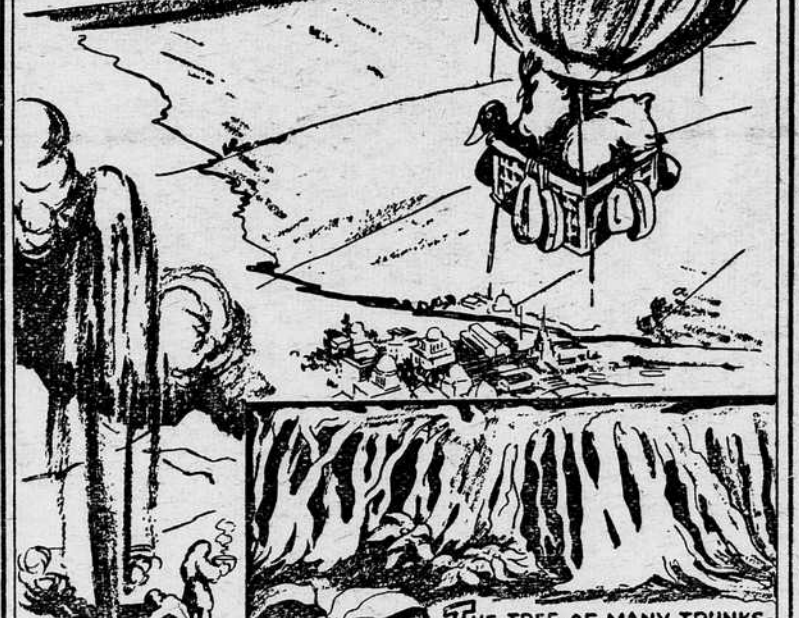


MUTT, WHERE'S THE PROPELLER AND ENGINE ROOM ON THIS TUB?  
SAP! THIS SHIP DON'T RUN BY STEAM—IT'S A SAILING VESSEL DRIVEN BY WIND!  
BUT SUPPOSE THERE'S NO WIND—WHAT THEN?  
WHAT THEN? WHEN THERE'S NO WIND THE SHIP JUST STANDS STILL! SHIPS WITH SAILS AWAY OUT IN THE OCEAN SOMETIMES DON'T MOVE AN INCH FOR DAYS BECAUSE THERE'S NOWIND!  
TSK, TSK, SOMETHING SHOULD BE DONE ABOUT IT!  
SAIL HO, ME LADS! NOTHING WILL STOP THE FOUR-LEAF CLOVER!

# AMAZE A MINUTE

## SCIENTIFACTS BY ARNOLD

AVIATORS BEFORE MAN  
THE FIRST BALLOON, A 35 FOOT PAPER BAG INFLATED WITH HOT AIR, IN 1783 OVER PARIS. CARRIED ALTOGETHER WITH FIRST PASSENGERS A ROOSTER, A SHEEP AND A DUCK.



ICELAND'S NATURAL COOKING STOVE  
AT SKAALHOLT, IN COLD ICELAND, THE NATIVES COOK THEIR FOOD IN THE HEAT OF GREAT STEAMING GEYSERS WHICH SHOOT 60 FEET INTO THE AIR.

THE TREE OF MANY TRUNKS  
A BANYAN TREE IN BENGAL GREW TO A DIAMETER OF 375 FEET, MAKING THE AREA OF ITS SHADOW AT NOON ... \*\*100,000 SQUARE FEET.

The men say it takes the women too long to do the marketing at the stores, but anyway the women folks say they have met all their friends and collected all the gossip.

# Extra-Fast Relief

Demand and Get



# GENUINE BAYER ASPIRIN

BECAUSE of a unique process in manufacture, Genuine Bayer Aspirin Tablets are made to dissolve—INSTANTLY you take them. Thus they start to work instantly. Start "taking hold" of even a severe headache, neuralgia, neuritis or rheumatic pain a few minutes after taking.

And they provide SAFE relief—for Genuine BAYER ASPIRIN does not harm the heart. So if you want QUICK and SAFE relief see that you get the real Bayer article. Look for the Bayer cross on every tablet as shown above and for the words GENUINE BAYER ASPIRIN on every bottle or package you buy.

Member N. R. A.

GENUINE BAYER ASPIRIN DOES NOT HARM THE HEART

# UNUSUAL FACTS REVEALED—by "Movie Spotlight"



DIANE SINCLAIR NOW PLAYING IN COLUMBIA'S "FIGHTING CODE" POSSESSES THE LOWEST CONTRALTO VOICE IN HOLLYWOOD

BUCK JONES' HORSE "SILVER" HAS HAD A PROMINENT PART IN MORE THAN 100 PICTURES

THE SCENE ON A FILM MEASURES 1 INCH BY 2 INCHES. WHEN THROWN ON A SCREEN 16 FEET WIDE, IT IS ENLARGED ALMOST 45 THOUSAND TIMES!



BUCK'S HOBBY IS CARVING AND WHITTLING WOOD. HE HAS A COLLECTION DEPICTING FAMOUS CHARACTERS OF THE OLD WEST

THE STATE OF VERMONT GETS ITS NAME FROM THE FRENCH, MEANING GREEN MOUNTAIN.

FLORIDA GETS ITS NAME FROM SPANISH PASCUA, MEANING FLOWERY FEAST.

IN OLDEN TIMES THE TROPICAL SPICES (CINNAMON, PEPPER, & OTHERS) WERE, BECAUSE OF THEIR GREAT SCARCITY HELD IN EXTREMELY HIGH ESTEEM.

THE MANDAU INDIANS ALWAYS SACRIFICED THE BEST OF ITS KIND TO THE GREAT SPIRIT. SUCH THINGS WERE SACRIFICED AS THE BEST ARROW, THE FAVORITE HORSE ETC.

AND SO WE COME TO THE END OF ANOTHER DAY BOYS—LET'S GET BACK TO OUR HOMES.