

## NEWEST ADDITIONS TO THE BRITISH NAVY

### "FLYING SHIPS" UNIQUE IN NAVY CIRCLES.

#### Only in Their Hulls Do Britain's Floating Aerodromes Resemble Other Vessels.

The queerest-looking, quaintest, and apparently most ungainly craft that ever rode the seas are the so-called "flying-ships" that have been added to the British Navy. One can find nothing exactly like them in any other navy in the world.

In order that Britain's fleets may be absolutely up-to-date, they are now accompanied on all their voyages by a squadron of aeroplanes. These are employed in scouting and in "spotting" for the guns. Firing is carried out at such enormous long ranges in these days that old-time methods of watching the fall of shots are useless.

No matter how keen the eyes at the masthead may be, they cannot see a distance of twenty-five miles. But an aerial observer can; so aerial observation has been adopted. It is also indispensable in reconnaissance.

#### The Mother of the Aeroplanes.

But aircraft have only a limited "radius of action." They are unable to continue moving for weeks on end under their own power, as warships do. Therefore, "flying-ships" have been built for the purpose of transporting them.

Actually these curious craft are sea-going aerodromes, as they fill precisely the same place in the organization of a fleet as the land aerodrome does in the equipment of an army corps.

In so far as their hull is concerned, the "flying-ships" are ship-like. But there all resemblance to an ordinary vessel ends. From bulwarks upward, they are huge, oblong structures, topped by a broad sweep of flat deck that dips a bit at the after end.

This deck is the "taking-off" ground from which the machines rise and upon which they alight when descending. It is the machines which have a close run when "taking-off," the deck is freed from all obstructions, either by mechanical devices or by constructive design.

In one case—that of the Eagle, the funnel and navigating bridge are placed faintly on one side of the vessel. But in the Argus and the recently completed Hermes, the bridges and chart-houses appear by mechanical means to leave the whole deck open when required.

Very odd, too, it looks to see bridges and chart-houses dropping down inside the ship, and then popping up again, jack-in-the-box fashion. And the funnels, instead of rising amidships in the usual way, discharge their smoke astern.

This peculiarity in her build caused a very amusing incident when the Argus paid her first visit to one of England's big naval ports.

Onlookers, seeing volumes of smoke belching from her stern, thought the ship was on fire, and raised an alarm—and it took some explanation to convince them that they were mistaken.

Beneath the broad flying-deck are roomy hangars in which a squadron of aeroplanes can be stowed. As the machines are wanted for use, they are sent to the deck by electric lifts. While on the deck is alighting upon it proves a difficult job in rough weather.

#### Always Improving.

Should a machine not be able to "land" there, it can drop into the water alongside and be picked up. The "flying-ships" are also fitted with work-shops and all other requisites of a well-equipped aerodrome. With every new one turned out some improvement in design is made that increases efficiency.

Like most innovations in British naval fighting forces, the "flying-ships" began experimentally. The "mother" of the squadron was the Furious, one of the four mystery ships introduced by the late Lord Fisher. She was turned into a floating aerodrome for the Grand Fleet.

Then followed the Eagle, acquired from Brazil and "converted" for a like purpose. After that came specially designed vessels, and these weird-looking leviathans now constitute the latest specialist section added to the British Navy.

### Telling the Tale.

Canadian merchants might read with benefit the remarks on Japanese advertisements in "Outward Bound." Japanese advertisements, declares the writer, are rich in metaphor and quaint humor. Here are a few examples:

A Tokio stationer announces that "the paper I sell is as solid as the hide of an elephant." A fishmonger promises to deliver all orders at customers' houses "with the rapidity of a shot fired from a rifle." "My extra special vinegar," a grocer declares, "is as sour as the tongue of the most shrewish mother-in-law."

A large multiple shop begs the public to "Come into our stores. You will meet with an overwhelming welcome. Our assistants are as amiable as a father who is endeavoring to marry off his daughters without giving them any dowry. You will always be greeted as cordially as a spool of sunshine coming towards the close of a pouring wet day."

## EARTH'S UNKNOWN CORNERS BECKON

### ADVENTURES LURE EXPLORERS OF TO-DAY.

#### Sir Ernest Shackleton's Proposed Voyage of Discovery Attracts Keen Interest.

Dr. H. R. Mill, writing in the London Times on Shackleton's adventure, says:

"That the romance of exploration is not dead is perhaps the most delightful of Sir Ernest Shackleton's discoveries, and the very programme of his new expedition in the Quest is a gleam with the true fire which drove the explorers of old without the aid of steam into the furthest and coldest recesses of the ocean. To any one who knows the difficulty of sighting a small oceanic island, not to speak of the risks of landing upon it, the program might seem extravagant. Sir Ernest Shackleton has, however, spent twenty years in the performance of almost impossible programs, and those who know him believe that he can accomplish this time.

"An oceanographical cruise of 30,000 miles in a 200-ton craft cannot fall to be as full of excitement as the discovery of every island to be touched at is a focus of historic interest to British sailors and men of science, from the voyage of the *Parma* in the seventeenth century, through that of the *Resolution* with Cook in the eighteenth, the *Beagle* with Darwin and the *Challenger* in the nineteenth, down to Shackleton's own epic of the *Endurance* in the twentieth.

Central Core of the Adventure.

"Here only one part of the new expedition's route will be referred to, and that is the central core of the adventure, the exploration of the Enderby Quadrant of the Antarctic Area. The late Sir Clements Markham hit upon the happy expedient of dividing the polar cap of the southern hemisphere into the four quadrants defined by the meridian of Greenwich and its continuation of 180 deg. crossed by the meridians of 90 deg. E. and W. To these he gave appropriate names, and the most appropriate is that of the Enderby Quadrant, between the meridian of Greenwich and 90 deg. E., though foreign purists prefer to call it the African Quadrant, as it lies to the south of that continent. It so happens that the two remaining quadrants are well known: in the Victoria (or Australian) Quadrant, to the east, Amundsen and Scott reached the Pole itself—the latter following in the footsteps of Shackleton, who had come within 100 miles of the goal some years earlier, while in the Weddell (or American) Quadrant, on the west, Bruce, Filchner and Shackleton had traced new land to nearly 78 deg. S.

"Between these two known quadrants that of Enderby interposes a sector of unprobed possibilities, for no vessel has yet succeeded in getting as far as the seventy-second parallel of latitude within it. The great expeditions have for the most part passed it by. Cook, in his hunt for the temperate southern continent that haunted the minds of the theorists of his century, first crossed the circle at one point, and Bellingshausen succeeded in crossing it at three points nearly fifty years later, but the great British, American and French expeditions of 1840 all kept far to the north. It was a field of fame for the small sailing vessels sent out in the 1830s of the last century by the London firm of Ender-

## Surnames and Their Origin

### HIGGINS

Variations—O'Higgins, MacHiggins, Higginson, Huggins, McHiggin, McGuigan.

Racial Origin—Irish.

Source—A given name.

While the family names Higgins and Higginson often come from "Hick" or "Hiccon," old English nicknames for Richard, it is safe to say that in the majority of cases in this country such names are Celtic. So far as O'Higgins and MacHiggins or McHiggin are concerned there is no reasonable doubt that they are Irish.

The Irish Higgins, like the English, comes from a given name, but not the same one.

The mistake is often made of confusing this name with the name of Keegan, and MacHiggin. The latter, it is assumed that it comes from the same given name, Eoghan, through the use of the prefix "mac." The argument being that there is little real difference between MacKeegan and MacHiggin. This argument, however, loses sight of the fact that both of these forms are but English corruptions of the Irish surnames, which are traceable definitely to different sources both by means of spelling and the historical-genealogical records in the Irish language.

The Irish form of the surname is "O'Uigina," or "MacUigina," the "O" being a necessary insertion after "Mac" to make it pronounceable. The family or clan name comes from the given name of "Uigina," which means "knowledge."

The form Higginson would appear to be English, but there are many cases on record where it is simply an Anglicized version of the Irish family name. In Ireland this family name is most common in Westmeath and Galway.

### BECK

Variations—Beckett, Becker, Beckman.

Racial Origin—Anglo-Saxon, also German.

Source—Geographical, also occupational.

While the family names of Beck, Beckett, Becker and Beckman have become confused through changes in spelling, so that the tracing of one involves the tracing of the other, there are really two sources of the name, different in racial origin and in meaning.

It is safe to assert, however, that if you spell your name Beck, or Beckett, it probably comes from England, and if it is Becker or Beckman, it originated in Germany.

Beck was simply a very old English word for a brook. It has become a family name in the same manner that Brooks has. It probably made its first appearance in some such form as "Thomas Ate Beck," or "Thomas at the Beck." It is easy to see how such descriptive phrases early became family names, for they were as naturally applicable to father, son and grandson, through succeeding generations, while the family continued to live in the same place. Beck is also an Anglo-Saxon word; all of which points to a very early use of it as a family name, even if unconsciously.

Beckett means a little brook, or a brooklet.

Becker, however, is of German origin, being the word for baker, though this is betrayed by the vowel "e" rather than the ending "er" which was almost as common a method of denoting occupation in old England as in Germany. The same holds true of Beckman, which, of course, is a shortened form of Beckmann.

## GOOD HEALTH CAN BE YOURS

### If Your Blood Supply is Kept Rich and Red.

It is a waste of time and money to fight merely the signs of disease: in the long run you are probably worse off than when you started. What is far more important is that you should intelligently examine the various symptoms and trace the cause. When you remove the cause, health will be yours. For example, anemic people often endure months of suffering while treating the symptoms, such as indigestion, shortness of breath, palpitation of the heart and exhaustion after any small effort.

The apparent stomach and heart troubles are generally nothing more than the result of an insufficient supply of pure blood. This anemic state may have followed some previous illness, or an attack of influenza; or it may have arisen from overwork, worry or too little fresh air. To obtain good health, the simple and proper course is to build up the blood, but to do this you must select a reliable remedy with a reputation such as Dr. Williams' Pink Pills. These pills enrich the blood which carries nourishment to all the organs of the body and enables them to do the work nature expects of them. Thousands of men and women have proved this for themselves.

One of these is Mrs. T. Flynn, R.R. No. 1, Erinville, Ont., who says: "Last spring I got into a badly run down condition. I had no energy; work left me exhausted, and the least exertion would make my heart palpitate violently. I had often read of Dr. Williams' Pink Pills, and decided to give them a trial and got a half dozen boxes. I had not been taking the pills long when I felt a decided improvement in my condition and by the time I had used the six boxes I could do my household work with ease. I can strongly recommend Dr. Williams' Pink Pills to all weak people."

You can get these pills through any dealer in medicine, or by mail postpaid at 50 cents a box or six boxes for \$2.50 from The Dr. Williams' Medicine Co., Brockville, Ont.

### Neap and Spring Tides.

The tides are caused by the attraction which the moon exercises on the oceans.

The time of high water on any day is roughly fifty minutes later than it was on the day before.

Possibly, too, you have observed that on some days the tide comes in much farther and recedes to a far greater distance than on others.

As a matter of fact, these big and small tides occur at quite regular intervals. Big tides are called springs, and small tides neaps, and they depend upon the changes of the moon.

One night we see in the sky a thin silvery crescent, which we call the new moon. On the following two or three days we shall have spring tides. Seven days from the time when it is new the moon appears as a half. This is the season of neap tides. A week later the full moon makes night almost like day, and brings the second lot of spring tides.

### Gold Seeking in Australia.

Prospecting for gold is one of the most alluring charms of life in Australia, says a Melbourne despatch. It may be enjoyed only a few miles beyond the boundaries of the larger cities.

Neap tides occur again as the full moon changes into the dying half moon. Thus there is a fortnight's interval between spring tide and spring tide and between neap and neap.

### Can Sea-Shell Walk?

Sea-shells cannot move about, of course, unless the shell-fish are inside. The shells which you generally find on the beach are merely the empty "halves" of their old homes, but even if you place two of the "halves" together and imagine the fish inside, it is difficult to see how the occupants were ever able to move from one spot to another. They have neither wings, fins, nor—in the ordinary sense—feet.

Bivalves are, for the most part, burrowers. They have a strong "foot" by means of which they can excavate passages for themselves through sand, mud, and even wood and rock. The Spiny Cockle, or Red Nose, can burrow very rapidly. It can also spring a considerable distance. The Saddle Oyster (not the edible oyster) possesses a hole in the under shell. It sticks its muscular "foot" through this hole when it wants to stick to a rock.

The common mussel, once it has found its home, never troubles to move again. It spins a bundle of threads, called "byssus," and binds itself firmly for evermore to the spot it has made its own.

### It Must Be.

Young Husband—"It seems to me, my dear, that there is something wrong with this cake."

The Bride (smiling triumphantly)—"That shows you what you know about it. The cookery book says it's perfectly delicious."

### Sweden's Population.

Sweden's total population at the end of 1920 amounted to more than 5,904,000, according to the Central Statistical Bureau's preliminary figures just published. This is an increase during 1920 of more than 57,000 and a record increase since 1861.

### Keep Forests Alive.

Living forests provide us with wood material of all kinds for our homes and industries, but burned forests provide no lumber for the saw-mill, no work for the workman, no business for the merchant, and no freight for the railway or steamship. The moral is that everyone should be careful with fire in the woods.

### However high a bird may soar, it seeks its food on earth.

Ask for Minard's and take no other.

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## BITS OF HUMOR FROM HERE & THERE

### An Alibi.

Anxious Mother—"I am afraid Johnny is unwell."

Father—"My goodness! What does he complain of?"

Anxious Mother—"He hasn't begun to complain yet; but I forgot to lock the jam cupboard yesterday and there isn't a bit missing."

### Mending Slowly.

Dorris—"And how is your bachelor friend?"

Walter—"When I saw him last he was mending slowly."

"Indeed, I didn't know he had been ill."

"He hasn't been; he was sewing some buttons on his clothes."

### Authorities.

Little Nellie told little Anita what she terms only a fib.

Anita—"A fib is the same as a story and a story is the same as a lie."

Nellie—"No, it is not."

Anita—"Yes, it is, because my father is a professor at the university."

Nellie—"I don't care if he is. My father is an editor and he knows more about lying than your father."

### Nicely Worded.

Mrs. Newmother was very much afraid of her baby catching germs from indiscriminate people kissing the little darling. She was careful in every way that baby should not catch any of those germs. Any article that might contain germs was boiled before it came near baby.

But it became harder when relations wanted to kiss the baby. You could not very well tell a cooling visitor to boil her face first.

One day the rich aunt—Charabella by name—called to see the baby, and the first thing Mrs. Newmother knew was that the aunt was aiming to kiss the baby.

Mrs. Newmother did not want to offend the relative, who, probably, was going to keep a good supply of silver-spoons in the youngster's mouth, but she skipped back out of reach with the baby in her arms.

"Oh, Aunt Charabella," she cried. "You must not do that! Germs will be germs, you know!"

"What's that?" flared up aunt. "Do you mean to insinuate that I have any germs?"

"Oh, Aunt Charabella," answered Mrs. Newmother, as sweet as ever. "You ought to take what I have just said as a compliment. Germs and flies, you know—they both like sweet things."

It is not the wise student who burns the midnight oil and sleeps away the morning sun.

It is wise to strive for perfection yourself, but folly to expect it of others.

### What One of the Best Known Travellers in Canada Says.

"Now I am going to give you an unsolicited testimonial as they say in the patent medicine business. Heretofore I have had a profound contempt for patent medicines, particularly so-called liniments. Perhaps this is due to the reason that I have been blessed with a sturdy constitution, and have never been ill a day in my life. One day last fall after a hard day's tramp in the slush of Montreal, I developed a severe pain in my legs and of course like a man who has never had anything wrong with him physically, I complained rather boisterously. The good little wife says: 'I will rub them with some liniment. I have.' 'Go ahead,' I said, just to humor her. Well, in she comes with a bottle of Minard's Liniment and gets busy. Believe me the pain disappeared a few minutes after, and you can tell the world said so."

(Sgd.) FRANK E. JOHNS, Montreal.

### COARSE SALT LAND SALT

Bulk Carlots  
TORONTO SALT WORKS  
G. J. CLIFF TORONTO

### ASPIRIN

Only "Bayer" is Genuine

Warning! Take no chances with substitutes for genuine "Bayer Tablets of Aspirin." Unless you see the name "Bayer" on package or on tablets you are not getting Aspirin at all. In every Bayer package are directions for Colds, Headache, Neuralgia, Rheumatism, Earache, Toothache, Lumbago and for Pain. Handy tin boxes of twelve tablets cost few cents. Drug-gists also sell larger packages. Made in Canada. Aspirin is the trade mark (registered in Canada), of Bayer Manufacturing of Monocetate of Salicylic Acid.

### OF INTEREST TO WOMEN

This is a Short Letter, But It Proves the Reliability of Lydia E. Pinkham's Vegetable Compound.

Bothwell, Ont.—"I was weak and run down, had no appetite and was very nervous. The nurse who had the care of my child me to try Lydia E. Pinkham's Vegetable Compound, and now I am getting strong. I recommend your medicine to my friends, and you may use my testimonial."—Mrs. W. J. Brady, R.R. 2, Bothwell, Ont.

The reason why Lydia E. Pinkham's Vegetable Compound is so successful in overcoming woman's ill is because it contains the tonic, strengthening properties of good old-fashioned roots and herbs, which act on the female organism. Women from all parts of the country are continually testifying to its strengthening, beneficial influence, and as it contains no narcotics or harmful drugs it is a safe medicine for women.

If you want special advice write Lydia E. Pinkham Medicine Co. (confidential), Lynn, Mass. Your letter will be opened, read, and answered by women only.

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## ONTARIO WOMAN GAINS 32 POUNDS

### GIVES TANLAC CREDIT FOR FINE HEALTH.

#### Says She Only Weighed 98 Pounds When She Began Taking It.

"I only weighed 98 pounds when I started on Tanlac, but I now weigh 130 and am feeling like a different person," said Mrs. Frieda Brydges, 378 John St., North Hamilton, Ont.

"I underwent an operation four years ago and ever since then I have been in a very weak and run-down condition. My stomach was so upset that I could hardly eat a morsel of solid food and I got so thin people told me I looked like I was starving. I was very weak and my nerves were so unstrung that I could get but very little sleep at night.

"That was my condition when I got hold of Tanlac, but five bottles of the medicine have simply transformed me. Why, I have actually gained 32 pounds in weight and am feeling simply fine. I have a splendid appetite and I can eat whatever I want and never suffer a particle from indigestion. My nerves are steady, I sleep well at night and am so much stronger that I can do my household work with ease.

"It is nothing less than marvelous how Tanlac has built me up and I take pleasure in making this statement for the benefit of others."

Tanlac is sold by leading druggists everywhere. Adv.

### Sad.

Little Julian had completed the first day at school and had climbed up on his father's lap to give dad his impressions thereof.

"Well," said dad, "how do you think you will like school?"

"Whereupon the countenance of Julian took on a most serious expression."

"To tell you the honest truth, dad," he answered, "I believe I've started something I can't finish."

### Minard's Liniment Lumberman's Friend

Forestry and Paper Making.

(This sheet of paper was made out of a green tree. If that tree had been burned, I would be just a cinder, please help to keep my beautiful green brothers from being turned into ashes.

Sunlight will penetrate clear water to a depth of 1,500 feet.

### Let Cuticura Be Your First Thought Always

When the first signs of pimples, redness, or roughness appear, smear gently with Cuticura Ointment to soothe and heal, then bathe with Cuticura Soap and hot water to cleanse and purify. Finally dust on the refreshing Cuticura Talcum, a delicately medicated, exclusively sweet powder. If used for every-day toilet purposes, Cuticura does much to prevent skin trouble.

Sole U.S. Distributors: W. L. Rogers & Co., 111 West 1st Street, New York, U.S.A.

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