

# WITH THE LONE SCOUTS

Much interest has been evidenced in the new Boy Scout Catalogue of Official Uniforms and Equipment which has just been issued and a copy of which has been mailed to every Lone Scout in this province. It is certainly an attractive publication, and features a large variety of articles of interest to Scouts of all ages.

A notable feature is the remarkable reduction in the prices of uniforms and we also notice that there are quite a number of new books and other items listed.

Lone Scouts will not find any mention of the Special Lone Scout Maure Neckerchief in the catalogue as this site use of Lones in Canada. When ordering uniforms, however, Lone Scouts should be careful to specify that they require the "Special Maure Lone Scout Neckerchief."

**Sir Ernest Shackleton's Scout**

The scientific staff of the Antarctic research ship Discoverer II, now in the far South Seas, includes J. W. S. Marr of Aberdeen, a Scout selected to accompany Sir Ernest Shackleton on his last expedition to the South Pole in the Quest. Scout Marr also accompanied the Algonquin expedition to the Antarctic, and has since qualified for several university scientific degrees. He has made good.

Many Lone Scouts will envy the opportunities which have come to Scout Marr, and we would remind them that it was only because he worked hard to qualify himself as a good All-round Scout that he was selected in the first place.

**A Centenary Flag for New Zealand**

A white ensign from the Centenary in Whitehall, London, was presented to the Scouts of New Zealand by Lord Baden-Powell, and placed for keeping in Christ Church Cathedral, Auckland. A similar flag, presented to Canadian Scouts at the last World Scout Jamboree, occupies an honoured place at Dominion Scout Headquarters, Ottawa.

**African Farmer Trains Baboons As Farm Hands**

Capt Town—Rivaling the wildest jungle "trains" in strangeness come the thoroughbred baboons, as told in the Christian Science Monitor, of three baboons captured by a farmer in the British district and put to work weeding his land.

Baboons abound in hundreds in the mountain fastnesses along the Magaliesberg range, and farmers are sometimes obliged to set traps to rid themselves of the prowlers. Mr. Jan Englebrect, of Bokfontein, caught three of the wild creatures at various seasons.

The first of these he called Japie. By the exercise of the greatest care and kindness, Japie was soon taught to lead the oxen on the land, and later even was to be seen at the head of his team walking down the village street.

Some time after, Mr. Englebrect caught two young baboons and these, by the time they reached the age of 12 months, were efficient weedeers of his farm land.

Mr. Englebrect asserts positively that Hennie and Japie, as he has named the two baboons, are each of them equal to three natives for weeding.

It is a comparatively easy matter to instill knowledge into their small heads, he affirms, provided gentleness and patience are employed. In teaching them to weed, they were taken to the fields and a particular weed was pulled up and showed to them. They would sit with solemn faces watching the actions of their teachers.

Then the weed would be taken into their two small hands. It was first carefully examined, then smelled, and immediately the willing weedeers set to work to clear the land of that particular plant.

Their speed and thoroughness are said to be marvelous. If perchance they were set to work to uproot a particularly stubborn patch of grass they would pitch in with a will and refuse to stop until the last vestige of a root was removed.

Mr. Englebrect's lonely farm is often visited by nature scientists and other inquiring folk anxious to see and speak for themselves to this strange phenomenon.

**The Use of Words**

The proper force of words lies not in the words themselves, but in their application. A word may be a fine-sounding word, of an unusual length, and very imposing form in its learning and novelty, and yet in the connection in which it is introduced may be quite pointless and irrelevant. It is not pomp or pretension, but the adaptation of the expression to the idea that clinches a writer's meaning—as it is not the size or glossiness of the materials, but their being fitted each to its place, that gives strength to the arch; or as the legs and nails are as necessary to the support of the building as the mere showy, unsubstantial ornaments.—From "On Familiar Style," by William Hazlitt.

**Canada's Northern Population**

In its more northerly areas of Canada the white population is, as yet, small, but it is ever increasing. According to the Department of the Interior in the areas north of the timber line are several bands of North American Indians, while the islands and northern coast lines are the home of the Canadian Eskimo. Within the Northwest Territories the latest census shows the population to be roughly 1,000 whites, 4,500 Indians, and 7,000 Eskimos.

A man seldom makes money last if his father made it first.

## Sunday School Lesson

February 21. Lesson VIII—Jesus the Good Shepherd—John 10: 1-16. Golden Text—The Lord is my shepherd; I shall not want.—Psalm 23: 1.

**ANALYSIS.**  
I. FALSE SHEPHERDS AND TRUE, John 10: 1-5.  
II. "I AM THE DOOR," John 10: 7-10.  
III. "I AM THE GOOD SHEPHERD," John 10: 11-15.

**INTRODUCTION**—John 10: 1-20 should follow 9: 41. The anniversary services commemorating the dedication of the Temple (10: 22) would remind all the Jewish Jews of the Macabean heroes who had purchased so dearly the temporary freedom of their country. During the years of bondage which followed, many false Messiahs won the confidence of the people, lured them to revolt, and left them only in greater disaster and servitude. The religious leaders were little better. They used their holy offices for their own ends. They were "thieves and robbers" in contrast with the true shepherd who loves his sheep.

**I. FALSE SHEPHERDS AND TRUE, John 10: 1-5.**

Perhaps no other picture brings home more appealingly to the hearts of men the love of Jesus than this allegory. In the name "good shepherd," "good" means kindness, beauty, gentleness, all in one.

They had not come to their position of leadership and power by the God-appointed way—the way of love, but by some other way, v. 1. The true shepherd, coming to the fold in the morning, is admitted by the "porter" or night watchman. Several flocks have been gathered in the night. The shepherd gives his peculiar whistle or call, and his own sheep follow him out to pasture. Eastern shepherds go before their flocks, they give them pet names as we name our dogs. His sheep always know their own master. A Scottish traveler once changed garments with a shepherd in Palestine, and thus disguised, tried to call the sheep to him. They did not move. But when the shepherd, dressed like a Scottish traveler, gave his call, they came to him at once.

**II. "I AM THE DOOR," John 10: 7-10.**

Said Jesus to the man who the Pharisees had debarred from love, but religious community, "I am the way of entrance—not they." No ecclesiastical court on earth has the power to shut a man out from the kingdom which has come through me. They who came before him (v. 8) were the false leaders, political and religious, who had been deceiving the people.

The true pastor of God's flock (his is the meaning of "any man" in v. 9), entering upon his work through love, shall have security. He will have freedom to render his bit of service to his fellows (go in and out), and will be able to provide spiritual nourishment for his flock (find pasture).

**III. "I AM THE GOOD SHEPHERD," John 10: 11-15.**

The abundant life that Christ offers is possible only through the sacrifice of his own. Hence the simile changes: the false teachers are no longer "thieves and robbers," but timid men who run away when faced by danger; they have no real interest in their flock.

From the mountain top of his vision the inspired writer sees beyond the confines of the Jewish fold to the Gentile world. Such a Christ will bring them in too. Such a Christ will bring them in too. Engraved on the wall in Westminster Abbey which marks his grave are these words, "And other sheep I have which are not of this fold."

One fold, and one shepherd (v. 16) is better translated "one flock." The Christian Church is not a walled fold, but a flock whose unity consists in each member of it hearing and following the voice of the Good Shepherd. This spiritual unity must ultimately show its existence by a visible outward union. Religious leaders of the world over are today recognizing this. Hence the movements everywhere toward church union, that the world may know.

**Fossilized Apples Unearthed in Alberta**

Olds, Alta.—While fossilized palm leaves and fig leaves have been uncovered in southern Alberta, as proof that around 70,000,000 years ago this part of the West was a tropical land where the dinosaurs roamed, yet it was not until last month that petrified apples have been unearthed.

This discovery was made by a farmer digging a well in the Olds district, who unearthed petrified apples on a petrified branch of the ancient tree. The Calgary museum has been notified of the discovery and the well has been refilled with earth to await further excavation work by experts in this branch of research.

**Canada's Production of Lath**

The value of the lath cut in Canada in 1929, according to returns issued by the Dominion Bureau of Statistics in co-operation with the Forest Service, Department of the Interior, was \$1,500,000. Over one-half of the lath so manufactured was made of spruce; white pine was the second species in point of quantity; and Douglas fir third.

**Teachers Seek World Amity**

Mexico City.—The National League of Schoolmasters has organized an affiliated association called Fraternalidad Internacional to cultivate closer relations with the schoolmasters of other countries, especially Hispanic nations. One will be to combat teaching of history in such a form as to cultivate international animosity.



Germany's bobsledders had their second serious accident on the Olympic slide when the four-man team crashed through a dangerous zigzag curve. Captain Grau (at wheel) suffered fractures of shoulder, hip and skull and Albert Br... (standing) injured spine and skull.

## Women's Ability to Meet Change Called "Amazing"

New York.—Women are meeting every economic adjustment demanded of them with a gallantry and understanding as amazing as it is admirable. Miss Anne Morgan, president of the American Woman's Association, said in a radio talk over Station WJZ of the National Broadcasting Company.

"While they are waiting for the new opportunities which must come," said Miss Morgan, "they must adapt themselves to the needs of the moment. So many have an actress and a home economist expert, selling books, an art director acting as companion, a concert singer teaching manuscripts for a publishing house. French and Spanish are taught as hostesses in tea rooms."

"Many women who had worked up from stenographers and secretaries to all sorts of executive and responsible positions are returning for the time being to the typewriter. One member has devoted herself with such energy to her hobby that she has equipped herself in the past year to make it her primary profession."

**Expert Says Only Our Bias Bars Snakes as House Pets**

Reptiles are the victims of an "unjust prejudice" on the part of the public, and could become, with the right treatment, "the most amiable and intelligent house pets," Nellie Louise Coonan, director of the Reptile Society of America, declared at the annual meeting of the organization. Five live, miscellaneous reptiles were present to entertain and to instruct the members of the society and their guests.

The snakes and lizards, bearing pet names such as Marr, Jaks and Oscar, were passed around among the men and some of the young women at the meeting. The specimens included a hellbender, representative of a type boasting a very ancient lineage; a mud puppy, an unimpressive but harmless specimen differing little in appearance from the hellbender; a brown-skinned lizard, a corn snake, and a ribbon snake. The corn snake, about three feet long and with a rich enamel coloring, was introduced as "the most beautiful snake in America."

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**Goats!**

"The goat's not my favorite mammal. Mr. Gandhi does on it I know. It's milk is nutritious. And doubtless delicious. But I don't like the critter's B. O." —W. P. in the Boston Transcript.

**Barber**—"I'm forty-five years old."  
**Customer**—"How old were you when you began to give me this hair-cut?"

**King George to Have Dial Phones**

London—King George has followed the Prince of Wales as a user of the dial telephone. St. James's Palace, where the Prince lives, has already recently been changed over and from now on Buckingham Palace will also have dial telephones. During the absence of the Court from London, postoffice engineers have been at Buckingham Palace effecting transformation from the old Victoria exchange to the new automatic Whitehall exchange.

"I am sure there is far more sauerkraut in America now than there ever was in Germany."—Vicki Baum.

## Latest Notes of Science

New Supply Sources — How Infinitesimal is Measured

Last week came the news that in "towzags" the Russians have discovered a plant which will yield a rubber-milk with industrial possibilities. After years of investigation and study Edison reached the conclusion that there are at least 1,500 plants that can be milked for rubber with some hope of commercial success. Probably ten times that number of plants contain gums of some sort. Considering the fact that the whole world has been combed for trees, vines and shrubs that will yield rubber in commercial quantities and of industrial quality, it seems highly improbable that towzags is a species new to botany.

**Measuring the Infinitesimal**

Before the annual meeting of the American Institute of Electrical Engineers, C. W. LaPierre described a new application of the marvellously sensitive photo-electric cell. He has made it the principal element in an instrument so sensitive that it can measure a millionth of an inch.

And yet Mr. LaPierre's advice is positively coarse compared with the ultra-measurer of Professor R. Whiddington, an English scientist. Imagine a steel rod one-half an inch in diameter and twelve inches long. Imagine this rod held horizontally, with one of its ends in a vise and a fly on the opposite end. The weight of the fly will bend the rod and Whiddington's electrical instrument can measure the amount of the bending, provided that it is as much as one five-hundredth of an inch.

In automobile building it is an ordinary performance to caliper the tea-thousandth part of an inch. In a few months are made, millions of an inch are measured. The Bureau of Standards has a balance so delicate that the man who weighs with it must stand at a distance lest the heat of his body vibrate the readings. The late Professor Rowland's machine for ruling hundreds of thousands of lines on a square inch of surface to make what is called a diffraction grating is so delicate that it must be locked up when it starts working. The bolometer invented by Professor Langley to explore the invisible infra-red portion of the spectrum is able to detect the heat of a candle a mile away.

**How Bright is the Sun?**

Our notions of the relative brightness of sun, moon and stars are qualitative rather than quantitative. We know that to us the sun is brighter than any other celestial body but not how much brighter. In the new edition of its Meteorological Tables just issued by the Smithsonian Institution Dr. Herbert H. Kimball of the Weather Bureau gives the information we want in terms of foot-candles—the amount of illumination received from a standard candle a foot away.

It is not very impressive to learn that the noonday sun has an intensity of 9,600 foot-candles at the surface of the earth, that the illumination from the full moon at its zenith is only two-hundredths of a foot-candle, and that starlight amounts to only eight hundredths of a foot-candle. We are more reconciled to the figures if we express them in a different way. The sun seems to shine more brightly when we say that it gives 465,000 times as much light as the full moon overhead and that it is 129,000 times brighter than all the stars on a fine night. —W. K. in "The N.Y. Times."

**Again the Cosmic Rays**

Before an audience of a hundred scientists, among whom was Dr. Einstein, Dr. Millikan at Pasadena announced his intention of renewing the cosmic ray studies that he began ten years ago. Apparently this investigation is to be conducted independently of Dr. Compton's, which is to be world-wide in its scope.

Millikan, it will be remembered, believes that the cosmic rays result from the creation of matter in outer space.

**Planning Safety Week; Has Fewer Accidental Deaths**

London—Safety Week will be celebrated in London this year from May 2 to 8. The National Safety Congress will meet here at the same time.

During the first nine months of 1921 there were 438 fewer deaths in the corresponding period of 1930, caused by accidents recorded than the total number reported being 3,621 against 4,069. The reducing in the number of deaths was 10 per cent, while the decrease in the amount of traffic on the road was only 2½ per cent.

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**Coffee Beans Transformed Into Coke in Brazil**

Rio De Janeiro.—The Brazilian Government, after having dumped several million sacks of inferior grade coffee into the Atlantic Ocean, both here and at Santos now believes it has found a medium of use for the bean.

Although experiments with coffee pressed into briquettes and used as fuel in locomotives of the national railways were not successful, it has now been learned that the same briquettes can be made into fairly combustible coke. Tests made so far with the coke have been entirely satisfactory, although further experiments will be made before coffee-coke production on a large scale will be tried.

**Barber**—"I'm proud of you. What were the industries?"  
**Customer**—"The Barber Industry and the Foot-Black Industry."

"That picture is one I painted to keep the wolf from the door."  
"Indeed? Then why don't you hang it on the knob where the wolf can see it?"

## MUTT AND JEFF — By BUD FISHER

