

Rats Uncanny Cuteness

From the human standpoint, the rat is a dangerous animal. Since the war it has been discovered that the rat is a very intelligent and organizing creature, transcending even the mouse. That Lubbock discovered in the war made it necessary for the army to discover how complex and intelligent the whole system of rat government. During the war vast stores of food accumulated, awaiting transport to Europe. Rats multiplied until it was estimated that there were now 100,000 rats in the city built upon the island. It is an ordinary step to destroy the rat army proved effective. The rats, instead of finding easier living elsewhere, discovered themselves hemmed in by water on all sides. They organized, grew more intelligent, and put up such a skillful resistance that new methods of combatting them had to be devised.

It has now been discovered that rats are not as single units, couples or families, but in vast organized colonies. Every member of a rat colony is subject to discipline. Here is a typical instance of the way their organization works. In one area under observation there were seventy-five store-houses, mostly used for holding food supplies. Of these, all but one building was infested by rats. The solitary exception was used for storing grain and flour. A rat never entered it, but it was overrun with mice. That was puzzling. The rat hunts the mouse.

The mouse-infested building was closely observed. Watchers found that the rats, so far from interfering with the mouse colony, brought extra food to keep the mice fat and healthy. They brought green vegetables, meat, and the cores and peel of fruit. They were correcting the grain diet of the mice with valuable vitamins. No wonder the mice in that store were plump and healthy.

Then, at one period of observation, the watchers saw a number of rats advance upon the mouse town. They bill upon the holes used by the mice as exits and entrances, and enlarged them to rat size. That done, the biggest and fiercest of the rats entered. Presently the invaders came out again, each with a dead mouse. These were held in a little heap, and the rats returned for more. "So they worked until fifty or sixty dead mice lay in a heap."

Now representatives from the whole rat colony appeared. Each took his share of the game, carrying the dead mice to the family holes as delicacies for the young. In short, the mouse estate was no more than the game preserve of the rats.

A Living Egg Chute.
Another puzzle was supplied by an egg store. Here, to save the eggs from rats, a platform was built on legs of thin metal eight feet high. No rat could climb to the platform, and for a time the eggs were undisturbed. But one day it was discovered that a rat on the platform had been emptied. Here was a job for the expert observer.

Watching the platform, on which was an open crate containing 300 eggs, the observer saw about forty rats come out of their holes. By one of their regular run-ways they climbed to a big gas-meter. This was five feet higher than the platform and more than 9ft. distant. Each rat in turn jumped from the platform to the meter.

Two in every three landed safely at the first attempt; the others fell short and hit the floor with a thud. But, shaking themselves, they ran limply up to the meter and tried again. Eventually there were forty rats on the platform.

Gripping hind legs with forepaws, the rat began to form a chain, reaching from the platform to the floor. It was evidently a well-rehearsed acrobatic feat, for in the twinkling of an eye there was a chain of rats reaching from the crate of eggs to the floor.

Soon eggs began to roll down that rat chute. At the bottom was a rat who received each egg carefully. In half an hour the crate was empty. Then the chain unlinked and the rats were equally divided. There was not a sign of disagreement. Human thieves quarrel when the plunder is to be divided; the rat army is not subject even to that weakness.

A Surprise for the Watcher.

A similar instance occurred in a restaurant famous for serving shell-fish. One day a kitchen worker filled a bucket with opened clams, set it on a shelf knee high on the wall, and went on with other work. When he next looked at the bucket it was empty.

It was decided to call in a rat observer. The same conditions were repeated. The man worked away, with a full bucket of clams behind him, while the watcher waited for results. Presently appeared a rat scout, who climbed the bucket and looked in. On returning to the rat hole, out swarmed the rat army. It was 90ft. from the hole to the bucket, but they stationed

TO ENCOURAGE EARLY BUYING OF THE NEW FALL MODES

We Offer Our Entire Stock of New Coats, Millinery, Sweaters and Raglans at Specially Reduced Prices

This is an opportunity no right thinking person should miss. A sale that offers you your choice of the new Fall and Winter modes at a very special saving—featuring the newest in Coats, Sweaters, Millinery and Raglans. You have often heard it said that a bargain in time is doubly a bargain—well, this sale can claim that distinction by offering the newest styles at the beginning of the season, at prices you would only expect when the season has greatly advanced. Buy your Fall needs during this sale and save considerable money.

THESE PRICES WILL BE IN FORCE For 10 Days Only

Black and Navy Velour Coats

A splendid selection of these very serviceable Coats, made from high grade Melton and Velour Cloth, splendidly finished, some full lined, others lined to the waist, with and without fur collars.

Reg. \$17.50 each. Sale Price . . . \$15.75	Reg. \$44.00 each. Sale Price . . . \$39.60
Reg. \$18.00 each. Sale Price . . . \$16.20	Reg. \$52.00 each. Sale Price . . . \$46.80
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Reg. \$41.00 each. Sale Price . . . \$36.90	Reg. \$85.00 each. Sale Price . . . \$76.50

Buy Your Sweater During This Sale

For outdoor wear or just for general utility use, these are just the kind of sweaters for chilly days, indoors or out. We are showing a magnificent selection including Sweater Coats, Tuxedos & Silcons in all the new and novel weaves and colorings, and styles to suit every preference, all offered at a splendid saving.

Reg. \$2.35 each. Sale Price . . . \$2.12	Reg. \$ 7.00 ea. Sale Price . . . \$ 6.30
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Reg. \$5.00 each. Sale Price . . . \$4.50	Reg. \$12.50 ea. Sale Price . . . \$11.25
Reg. \$5.50 each. Sale Price . . . \$5.00	Reg. \$13.50 ea. Sale Price . . . \$12.15
Reg. \$6.25 each. Sale Price . . . \$5.63	Reg. \$15.50 ea. Sale Price . . . \$13.95

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Our showing of these very fashionable Coats is superb. Featuring the newest in styling, trim and color. Beautiful Coats, splendid quality, fine tailoring, individual styles. Trimming consists mostly of fur, the favored being Fox, Beaver, French Lynx and Manchurian Wolf, used extensively on collar, cuffs, hem and pocket, according to the model. A splendid assortment of the most favored shades, including Fawn, Grey, Campbell, Rust, Burgandy, etc.

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Reg. \$20.00 each. Sale Price . . . \$18.00	Reg. \$ 55.00 each. Sale Price . . . \$49.50
Reg. \$25.00 each. Sale Price . . . \$22.50	Reg. \$ 60.00 each. Sale Price . . . \$54.00
Reg. \$26.00 each. Sale Price . . . \$23.40	Reg. \$ 71.00 each. Sale Price . . . \$63.90
Reg. \$30.00 each. Sale Price . . . \$27.00	Reg. \$ 75.00 each. Sale Price . . . \$67.50
Reg. \$32.00 each. Sale Price . . . \$28.80	Reg. \$ 80.00 each. Sale Price . . . \$72.00
Reg. \$37.50 each. Sale Price . . . \$33.75	Reg. \$ 89.00 each. Sale Price . . . \$80.10
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Reg. \$47.50 each. Sale Price . . . \$42.75	Reg. \$102.00 each. Sale Price . . . \$91.80

Women's Tweed Coats

A selection of pretty Tweeds in the newest styles, also in plain cloths, shades of Rust, Brown, Fawn and Grey, lined to waist, some having collars and cuffs of fur, others plain. Warm, serviceable Coats, lowly priced.

Reg. \$12.50 each. Sale Price . . . \$11.25	Reg. \$16.00 each. Sale Price . . . \$14.40
Reg. \$13.50 each. Sale Price . . . \$12.15	Reg. \$18.00 each. Sale Price . . . \$16.20
Reg. \$14.50 each. Sale Price . . . \$13.05	Reg. \$20.00 each. Sale Price . . . \$18.00



Sale of the New Fall Millinery

Here is one of the season's most important Millinery offerings, presenting our complete stock of New Fall Millinery at reduced prices.

A complete showing of the newest style creations for every occasion, including Millinery Hats in all the favored fabrics, both black and colored, Velour Hats and Felt Hats.

Choosing your New Fall Hat will prove most interesting, particularly when choice may be made at an attractive saving like this.

Reg. \$ 2.50 ea. Sale Price . . . \$ 2.15	Reg. \$12.50 ea. Sale Price . . . \$11.25
Reg. \$ 4.25 ea. Sale Price . . . \$ 3.83	Reg. \$13.50 ea. Sale Price . . . \$12.15
Reg. \$ 4.75 ea. Sale Price . . . \$ 4.28	Reg. \$14.50 ea. Sale Price . . . \$13.05
Reg. \$ 5.25 ea. Sale Price . . . \$ 4.73	Reg. \$16.00 ea. Sale Price . . . \$14.40
Reg. \$ 5.75 ea. Sale Price . . . \$ 5.18	Reg. \$17.50 ea. Sale Price . . . \$15.75
Reg. \$ 6.00 ea. Sale Price . . . \$ 5.40	Reg. \$18.50 ea. Sale Price . . . \$16.65
Reg. \$ 6.50 ea. Sale Price . . . \$ 5.85	Reg. \$19.50 ea. Sale Price . . . \$17.55
Reg. \$ 7.50 ea. Sale Price . . . \$ 6.75	Reg. \$20.00 ea. Sale Price . . . \$18.00
Reg. \$ 8.25 ea. Sale Price . . . \$ 7.43	Reg. \$20.50 ea. Sale Price . . . \$18.45
Reg. \$10.00 ea. Sale Price . . . \$ 9.00	Reg. \$21.00 ea. Sale Price . . . \$18.90
Reg. \$11.00 ea. Sale Price . . . \$ 9.90	Reg. \$22.00 ea. Sale Price . . . \$19.80
Reg. \$12.00 ea. Sale Price . . . \$10.80	Reg. \$23.00 ea. Sale Price . . . \$20.70

Sale of New Fall & Winter Coatings

Our entire stock of new and beautiful Fall and Winter Coatings are offered at a generous reduction for the next ten days. A splendid selection to choose from in all the newest designs, weaves and colors.

Wool Coating.
Heavy Wool Coating in plain shades of Brown and Rust 54 inches wide. A special purchase enables us to offer this coating at a very low price. Reg. \$2.00 yard. Sale Price . . . \$1.80

Curl Cloth.
Navy Curl Cloth, showing a splendid pile and finish, good looking and of special wearing quality, 54 inches wide, offering extreme value. Reg. \$1.85 yard. Sale Price . . . \$1.67

New Coating.
All Wool Coating in neat checks, shades of Tan, Fawn and Blue; 56 inches wide, good looking and very serviceable. Reg. \$2.55 yard. Sale Price . . . \$2.30

Check Coating.
Shown in large check effects of pretty mixed shades; 56 inches wide; a very popular material for Fall and Winter. Reg. \$3.65 yard. Sale Price . . . \$3.29

Velour Coating.
54 inches wide, shades of Grey, Mole and Brown, showing a fine soft finish, one of the season's favorite materials. Reg. \$3.00 yard. Sale Price . . . \$2.70
Shades of Mole, Taupe and Blue. Reg. \$3.65 yard. Sale Price . . . \$3.29

Velour Coating.
A selection of smart checks, also in plain shades of Rust, Light Fawn and Mid Fawn; 54 inches wide. A very rich looking material with a soft suede finish. Reg. \$4.55 yard. Sale Price . . . \$4.10

Fancy Velour Coating.
Nothing could be smarter for Fall and Winter than these Velours, shown in large and small checks and neat soft ribbed effects, in clever designs and smart textures; comes in shades of Rust, Brown and Fawn; 54 inches wide. Reg. \$4.65 yard. Sale Price . . . \$4.19
Reg. \$4.85 yard. Sale Price . . . \$4.37

The New Raglans at Reduced Prices

Our new Raglan arrivals are delightfully smart, comprising one of the best selections we have ever shown. Mixed Tweeds in assorted shades, plain Gaberdines in the newest colors; all offered at specially reduced prices during this sale.

Women's Tweed Raglans.
These are extremely popular for Fall wear, pretty tweed effects in the newest styles, absolutely showerproof; single breasted and double breasted styles, with and without belt; shades of Grey, Fawn, Henna and Saxe.

Reg. \$16.00 ea. Sale Price . . . \$14.40	Reg. \$27.00 ea. Sale Price . . . \$24.30
Reg. \$17.50 ea. Sale Price . . . \$15.75	Reg. \$28.00 ea. Sale Price . . . \$25.20
Reg. \$19.00 ea. Sale Price . . . \$17.10	Reg. \$35.00 ea. Sale Price . . . \$31.50
Reg. \$25.00 ea. Sale Price . . . \$22.50	

Women's Raglans.
Best quality Gaberdine, waterproof, lined throughout, quarter lined and unlined; shades of Fawn, Grey, Slate, Brown, Tan, Navy and Black; assorted sizes.

Reg. \$ 6.50 ea. Sale Price . . . \$ 5.85	Reg. \$28.00 ea. Sale Price . . . \$25.20
Reg. \$14.00 ea. Sale Price . . . \$12.60	Reg. \$32.00 ea. Sale Price . . . \$28.80
Reg. \$23.50 ea. Sale Price . . . \$21.15	Reg. \$35.00 ea. Sale Price . . . \$31.50
Reg. \$23.75 ea. Sale Price . . . \$21.38	

Women's Waterproofs.
Plain shades of Fawn, Grey and Nigger, also in pretty tweed effects, in Brown, Fawn and Heather mixtures; all sizes.

Reg. \$11.00 ea. Sale Price . . . \$ 9.90	Reg. \$22.00 ea. Sale Price . . . \$19.80
Reg. \$15.50 ea. Sale Price . . . \$13.95	Reg. \$25.00 ea. Sale Price . . . \$22.50
Reg. \$20.00 ea. Sale Price . . . \$18.00	Reg. \$25.50 ea. Sale Price . . . \$22.95
Reg. \$21.00 ea. Sale Price . . . \$18.90	Reg. \$29.75 ea. Sale Price . . . \$26.78

Black Rubber Coats.
For women, misses and children; a full range of sizes in stock; all offered during this sale at special reductions.



themselves in line from hole to bucket. The first rat threw the clams out; the next caught them, and with his forepaws passed them on.

By Airship to the North Pole

COMMANDER OF FAMOUS "LOS ANGELES" CRAFT EXPRESSES VIEW.

BERLIN, August (U.P.)—"The exploration of the north pole will be made with an airship or it will not be made at all."

This is the considered opinion of Dr. Hugo Eckener, the famous commander of the "Los Angeles," then the "ZR 3," on her Transatlantic flight.

If the Council of Ambassadors grants Germany the permission to build another airship for scientific research, then by the spring of 1927, the world will know what is to be known about the north pole. The geographic problems regarding the distribution of land and water in the arctic regions, problems of magnetism, of the atmosphere, of high sea currents and of electricity, all will be solved by the expedition to be launched with the new airship under Dr. Eckener's command and with Fridtjof Nansen leading the staff of scientists on board.

In an interview with the United Press Dr. Eckener explained the preparations he has already made for the aeronautic part of the expedition. The Zeppelin company contemplated such an expedition before the war, and Count Zeppelin went to Spitzbergen to study the possibilities of anchoring and the air currents.

The plans for the new airship are ready, and foresee a ship of 110,000 cubic metres, that is about one-and-a-half times the capacity of the "Los Angeles." Otherwise the ship will be of the same type as the "Los Angeles," like her carry five motors of 2,000 h.p. Owing to its larger dimensions, it is reckoned that the new ship will make between 75 and 85 miles an hour.

A certain difficulty confronts us in securing the necessary outfit to navigate the ship near the pole. The cold is not, as the layman might think, the chief obstacle. In spring and summer the temperature in the polar region is not as cold as the public think, and especially above the freezing point. Besides, as Dr. Eckener pointed out, during the war the Zeppelins, flying very high, sometimes encountered a temperature of 9 degrees below zero, and nevertheless the motors work very well. The cold merely necessitates adding alcohol to the water for the motors.

The Magnetic Pole.

The difficulty in navigating the ship arises from the special conditions of the polar region, that is from the magnetic pole. The compass is of no use, and it needs a complicated system of gauging to determine the position of the ship. Even the wireless set is influenced by these conditions. Dr. Eckener nevertheless is confident that he will be able to guide the ship wherever he wishes.

Another point to be considered is the possibility of landing. Measures will be taken to enable the ship to descend on the surface of the water and to anchor there. Should no open water of sufficient dimensions be found, the touring of the pole will be made without landing. A landing other than on water, would be very difficult, because no crew is available to tow the ship down and fasten it to an anchor mast.

The ship must be larger than the "Los Angeles" to carry the large scientific staff. It will be remembered that on the trans-Atlantic flight the ZR 3 could not take another passenger because she needed all her carrying power for the 30 tons of fuel. A similar airship would be able to carry another 4 tons, if it started its flight from a place of sea-level and not, as did the ZR 3, from a place 400 metres above the sea. If the "Los Angeles" would attempt a north pole expedition, she would have to use hydrogen because, filled with helium, she carries 9 tons less. But for safety a bigger airship would always be required.

Dr. Eckener has sufficient trained men in Friedrichshafen to make up his crew, which will amount to some thirty men. The scientific members will be limited to twenty and include several German and some international experts. Dr. Eckener has already hired to Amundsen reminding him of previous discussions about reaching the pole in an airship, and he hopes that Amundsen and Ellsworth will join Nansen for the two trips which are now considered.

Contrary to Amundsen's last expedition, this new one will not mean the physical strain he just underwent. The scientists will have to work assiduously, but to use Dr. Eckener's words, they will live near the pole, as if they stayed in a dining-car or a sleeping-compartment.

"You tell me," said the Judge, "that this is the person who knocked you down with his motor car. Could you swear to the man?"

"I did," returned the complainant, eagerly, "but he only swore back at me and drove on."

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