

Official Organ of the Canadian Kennel Club.

CANADIAN

KENNEL



GAZETTE.

Published by

H. B. Donovan.

VOL. IX.

124 VICTORIA ST., TORONTO, FEBRUARY, 1897.

No. 2

SPRATTS' DOG CAKES

*Are used by all the Prominent Breed-
ers and at the best shows.*



Send for Pamphlet

to any of our Agents
in Canada.

TORONTO AGENTS: J. A. Simmers, and The Eby, Blain Co., Ltd. MONTREAL AGENTS: Caverhill,
Hughes & Co. LONDON AGENTS: John S. Pearce & Co. HALIFAX AGENT: M. F. Eagar.
OTTAWA AGENTS: H. N. Bate & Son. QUEBEC AGENTS: Whitehead & Turner.
HAMILTON AGENTS: W. H. Gillard & Co.

FOX TERRIERS AT STUD

ALDON QUÆSTOR—By Venio ex Venoya by D'Orsay.

WARREN SMUGGLER—By Warren Safeguard Ex Warren Sunbeam
by Vice Regal,

BEVERWYCK KINGPIN—By Stardens King Ex Moonbeam by
Russley Joker,

VON VOIT—By Vis a Vis ex Vitella by Vesuvian.

DARK EYE—By Carlyle Tyro ex Dartmoor Belle.

FEE FOR EACH \$10.

A. A. Macdonald, 206 St. George St.
TORONTO.

Field Spaniels at Stud.

Woolton Wonder.

Black and tan dog, imported, winner of numerous prizes at the leading shows in England, also 1st Kingston '96, 1st Toronto '96. Fee \$15.

PUPPIES BY THIS DOG, OUT OF WINNING IMPORTED BITCHES, FOR SALE.

Woolton Baron.

Black dog, imported, winner of numerous prizes in England, America and Canada. Fee \$15.

These dogs are entirely free from Cocker blood.

At the Toronto Show in September, '96, they won the Special for the best brace of Field Spaniels, and were two of the winning kennel.

Apply **HERBERT P. MULLENS,**
88 Avenue Road, Toronto.

THE DOG IN HEALTH AND DISEASE.

INCLUDING HIS ORIGIN, HISTORY, VARIETIES, BREEDING, EDUCATION, AND GENERAL MANAGEMENT IN HEALTH AND HIS TREATMENT IN DISEASE.

By WESLEY MILLS, M.A., M.D., D.V.S., ETC..

Professor of Physiology in the Faculty of Human Medicine and in the Faculty of Comparative Medicine and Veterinary Science of McGill University, Montreal; Lecturer on Cynology in the latter Faculty. Author of Animal Physiology, Comparative Physiology, How to Keep a Dog in the City, etc. With Forty-three full-page Cuts, One Colored Plate, and numerous other Illustrations. 8vo, cloth. Price, \$2.50.

New Edition now Ready. Revised and re-Written Right up to Date. New Plates of Prominent Dogs.

Sent free by mail on receipt of price, \$2.50, by **H. B. DONOVAN,** Toronto, Ont.

ALL BREEDERS
OF
DOGS, POULTRY, and PIGEONS
Should subscribe to the **ENGLISH PAPER** that is the
recognized authority on these subjects:

"The STOCK-KEEPER"

AND

Fanciers' Chronicle.

All the noted English Breeders advertise their stocks in its columns. Advice given gratis to American Subscribers, who may have the use of the valuable Library of Old and Modern Works, on the Fancies and Sport, and the office and Reading Room for Correspondence and receipt of Letters.

Annual Subscription for Paper (fifteen shillings) to be sent to the **MANAGER, Stock-Keeper, 169, Fleet-street, London, E.C., England.**

WE WANT YOU
ON THE LIST OF

The Dog Fancier

Published monthly, at 50c a year.

AN EPITOME OF DOGDOM.

THE DOG FANCIER is a lean, well printed magazine devoted exclusively to man's friend and natural pet—the dog. It is a publication that every member of your family will delight to read and one that you can safely and cheerfully carry into the drawing room. Subscribe for it and contribute your mite toward extending a true knowledge of man's relation and duty to the dog. (Send us addresses of your friends who are interested and we will mail them specimen copies.) Published by **EUGENE GLASS, Battle Creek, Mich., U.S.A.**

With **GAZETTE**, \$1.25 for both.

Address **H. B. DONOVAN, TORONTO.**

Rough-Coated Collie at Stud

BISLEY HERO

Of that most noted

Southport Perfection Strain.

combining crosses of all crack Champions.

STUD FEE \$25.

R. G. STEACY,

Importer and Breeder,

Box 720, BROCKVILLE Ont.

CANADIAN KENNEL GAZETTE.

Published by



H. B. Donovan.

VOL. IX.

124 VICTORIA ST., TORONTO, FEBRUARY, 1897.

No. 2.

CANADIAN KENNEL CLUB.

AN EXECUTIVE MEETING,

was held at the Queen's Hotel, Toronto, on February 13th, the following members being present, Messrs. H. Bedlington, Chairman, C. A. Stone, R. W. Boyle, G. B. Sweetnam, A. A. Macdonald, H. Parker Thomas, and H. B. Donovan, Sec.-Treas.

The minutes of last meeting were taken as read and Mr. C. H. Watts, of Watertown, N.Y., was elected a member of the Club. A letter was read from the Secretary of the Montreal Kennel Association stating that cheques had been forwarded all outside exhibitors for prize-money won at the late show, and this was considered satisfactory to the committee. In future a fee of twenty-five cents will be charged for each search of the register whether pedigree is given or not. Most of the time was occupied in discussing the present relations of the two governing bodies in the kennel world of America, finally it was decided to appoint Messrs. McEwen and Davy as a delegation to represent the C.K.C. at the annual meeting of the A.K.C. next week, to press upon them the necessity of some reciprocal agreement. The meeting adjourned to meet again on March 6th, when it is hoped some favorable report may be on hand to lay before the members.

PREFIXES, AFFIXES, ETC.

The following have been registered with the Canadian Kennel Club. The fee for each prefix, affix or kennel name is \$1 to be forwarded with application. Duplication is not permissible.

Albion.....Albion Beagle Kennels, Toronto.
Aldon.....A A Macdonald, Toronto.
Arden.....G. W. Prescott, Toronto.
Arklan.....W. H. A. Fraser, Westmeath, Ont.
Bayview.....Fred. T. Miller, Trenton.
Belvidere.....W. S. Smith, London.
Belvoir.....R. Gibson, Delaware, Ont.
Braehead.....Arthur F. Gault, Montreal.
British.....Bruff Garrett, Toronto.

Brighton.....T. G. Davey, London.
Canadian....." "
Cambridge.....Geo. Bell, Toronto.
Carleton.....Alfred Geddes, Ottawa.
Cataragui.....Charles E. Levey, Cataragui, Quebec.
Claremont.....C. Dempster, Nanaimo, B.C.
Compton.....F. S. Wetherall, Compton, Que.
Corktown.....C. E. Living, Ottawa.
Cornwall.....C. A. MacHaffie, Cornwall.
Deer Park.....L. Farewell, Toronto.
Diamond.....J. C. Stockwell, Danville.
Forest.....C. A. Stone, Toronto.
Elora.....Hiram Card, Elora, Ont.
Hazelden.....A. T. Little, London, Ont.
Honest.....A. C. Dorland, Wellington, Ont.
Imperial.....Jos. A. Laurin, Montreal.
Kinkora.....W. H. Drummond, M.D., Montreal.
London.....J. J. Biggs, London.
Maple Leaf.....Saunders & Mighton, Harriston, Ont.
Markham.....P. J. Keating, Toronto.
Mount Royal.....Wesley Mills, M.D., Montreal.
Mutual.....Thos. J. Armstrong, Toronto.
Osborne.....Mrs. J. A. Pitt, Montreal.
Ossian.....C. P. Simpson, Montreal.
Pensarn.....J. B. Carmichael, Victoria, B.C.
Queen City.....A. J. Groves, Toronto.
Raglan.....J. G. Mitchener, Toronto.
Rideau.....P. G. Keyes, Ottawa.
Royal.....J. C. Guillott, Windsor.
Rugby.....A. Murdoch, Hamilton.
Shamrock.....Lindsay & Wetherall, Montreal and Compton, Que.
Silver.....A. D. Stewart, Hamilton.
Simcoe.....Allan Trebilcock, Toronto.
Stardale.....John O. Bennett, Toronto.
Stilton.....F. Habart, Toronto.
Toronto.....Jas. Douglas, Toronto.
Wentworth.....Dr. H. S. Griffin, Hamilton.
Westmount.....W. T. Virtue, Montreal.
Woolton.....H. P. Mullens, Toronto.

KENNEL NAMES REGISTERED.

Aspotogon Kennels.....E. D. Lordly, Chester, Nova Scotia.
Eclipse Fox Terrier Kennels.....Geo. Bell, Jr., Toronto.
Ethereld Kennels.....R. F. Wodehouse, Hamilton.
Foxhal Kennels.....George W. Hav, Sec., Windsor, Ont.
Manchester Black & Tan Terrier Kennels.....Ed. Mack, Toronto.
Monastery Kennels.....T. J. Tilley, Port Hope, Ont.
Nubian Kennels.....R. Howden, Port Hope, A. T. Knowlson & Guy Crane, Detroit.
Ossian Kennels.....C. P. Simpson, Montreal.
Royland Kennels.....Chas. Lyndon, Toronto.
Stadacona Kennels.....W. L. Crawford, Quebec.
Terra Cotta Kennels.....Jno. G. Kent, Toronto.
The Fox-hound Kennels.....Irving L. Smith, Montreal.
The Ontario Kennels.....G. M. Gibbs, Sarnia, Ont.
Venlo Farm Kennels.....L. A. Klein, Black Lake, P.Q.
Victoria Glen Kennels.....J. A. Spracklin, Woodstock.

NOTES
AND COMMENTS

THE LATE MONTREAL DOG SHOW.

FROM the Secretary, Mr. Lanigan, we are glad to be able to announce that all outsiders have been paid their prize money in full, and in the meantime local exhibitors have had their entry fees back. It is regretted the announcement was not made a few days sooner as then the item referring to this would not have appeared on the agenda paper of the C. K. C. executive meeting. As it is now of course the matter can be satisfactorily dropped. We are writing this some days prior to the meeting. The Bazaar inaugurated by the lady friends of the Association resulted in netting the nice little sum of three hundred dollars, while the Tambola went fifty-six dollars better. An attempt was made to suppress the latter by the Citizens League or the amount would have been increased. The members—perhaps we are safer in saying some of them—have been greatly worried by the delay and have received from several quarters unstinted abuse, but now we trust “all’s well that ends well.”

GOING TO NEW YORK.

Mr. McEwen purposes visiting New York and would be glad to correspond with other exhibitors regarding express arrangements, etc. Mr. Macdonald, we understand has five entries; Mr. Henderson’s King Charles Viewforth Beau will also try his luck. From Kingston a number are going including five Pugs and the Collie Otterburn Chriss from Mr. Ford’s kennel, six Cockers of Mr. Robertson’s including champion Red Obo, four Irish Water Spaniels of Mr. Carson’s well known lot and a new Collie of Mr. Albert Johnson’s. Doubtless there are many others that we have not heard of.

A PARAGRAPH IN THE *American Field* SAYS:

“The CANADIAN KENNEL GAZETTE for the current month is not as entertaining as usual, perhaps because the bulk of the matter is not new to us; but the par about the effect of tobacco smoke on butterflies is all right. In another column it is stated that the Manitoba Dog Owners’ Association intends to hold a dog show at Winnipeg in March, at which Major Taylor is to judge. The latter statement we are in a position to correct, for the St. Louis, Chicago, Louisville and Pittsburg shows will occupy the Major’s time too completely

during March to permit of a pilgrimage to Winnipeg for a little local show. However, it is something to learn that the Manitoba Dog Owners’ Association is still existent; last Summer it was announced that the association was about to hold field trials, and the announcement was given a place in our Kennel Fixtures, but every member of the association kept the outcome such a profound secret and so carefully guarded all details from the sporting press that the idea has become prevalent that the trials were a failure and the association gone mouldy.” The Secretary of the prize list committee Mr. H. S. Rolston, was our informant, and presumably he should know something of the arrangements. Perhaps he will explain where the difficulty comes in.

DACHSHUNDE,

“are as a breed,” the proprietor of the Mount Royal Kennels writes, “not yet generally understood in this country; and though I have disposed of most of mine it is not because I do not like them but simply because only a limited number of breeds can be kept in one kennel at the same time. No breed can dig and burrow as fast as this one and they are regular vermin killers. I have seen rats killed by a Dachshund in a manner that would do credit to the best Terrier. They make admirable house dogs, being not too noisy, nearly free from doggy smell and generally healthy, with appetites that do not need pampering.”

THE COLLIE

Royal Squire, advertized at stud in our columns has we learn been very successful considering his opportunities. His get are unusually well marked, good in coat and color with the symmetry and quality of the sire, long heads and neat ears being the rule, with that properly placed eye so rare nowadays, and that true Collie expression which is not always found even in show winners.

MR. JOSEPH REID,

advises us that an error—not ours—was made in the name of his Collie bitch, whose visit to Braehead Chriss we recently chronicled. The bitch’s name is Peach Blossom not Daisy, and she as a result of the visit whelped on Dec. 25th a nice litter of seven—three dogs.

THE BRAEHEAD KENNELS

have sold Braehead Chriss to Mr. E. A. Rogers, of Dundee, Mich., at a good large figure.

MR. ARTHUR F. GAULT, JR.,

leaves for a trip around the world about the 1st March, and will visit several of the large Collie kennels in England before he returns. No doubt we will hear from him should a fine Collie at the right price catch his eye.

MR. ALEX. SMITH,

(better known as "Auchcairnie") has sent to Scotland for his famous bitch Auchcairnie Pattie, out of Auchcairnie Duchess, sired by Topper. Pattie is coming four years old and has won over fifty prizes. Mr. Smith intends breeding Pattie to Melphus.

MR. C. V. FORD,

who doesn't believe that everything good comes from the sire's side has imported a useful sable and white in Reine Blanche by the famous old champion Metchly Wonder out of Right Sort, by champion Great Alne Douglas. She has recently been bred to Otterburn Criss.

DUNOWEN,

Mr. Jas. Lindsay's Irishman is now in the U. S. He has proved himself a potent sire, seventeen being the total of two litters whelped two weeks ago. Before leaving, Dr. Drummond's good bitch Tartar Goter was bred to him. Dunowen's visit is but for a time, as his owner expects him back to Canada next summer.

MR. LAURIN OF MONTREAL

has disposed of his prize winning Bull bitch Miss Mischief to Mr. Bulkely Wells, of Mass., who has got together an exceptionally strong kennel of this breed.

MISS A. M. GRIFFIN,

owner of the Belle Isle Kennels, Detroit, became enamoured of Mr. Laidlaw's good stud dog Omo, and so the sequel is that Omo has gone to Detroit. He is the only living son of champion Black Duke and champion Baby Ruth.

AN INCREASE IN OUR "SCOTTIE" FAMILY.

Mr. Geo. Sanderson, Woodstock, N.B., informs us that his Scottish Terrier bitch Miss Leek, on January 16th whelped a nice litter of five, of which three are dogs. It may be remembered we noticed the advent of Miss Leek—who came out in whelp to Lomond King—and a dog, she

is by Mac out of Miss Chief, while Lomond King claims as his immediate ancestors, Glendhu and champion Allister.

Scottish Fancier SAYS:

"Mr. Alex. McDonald, Dalwhinnie, has been selling his Fox Terriers to Mr. Smith, late of Auchcairnie. Mr. Smith seems to be able to do some dog dealing in the land of his adoption." Particulars have not reached us yet.

Stock-keeper REPORTS

the sale of the noted Collie dog Ormskirk Emerald for £1,200 (\$7,000) and Edgbaston Marvel who cost his late owner £500. Mr. Stretch was the vendor, Mr. A. H. Megson being the plucky buyer who thus pays a record price for a Collie.

MR. C. P. BROWN, COLBORNE,

has sold the Great Dane dog Junus to Mr. W. L. Crawford, Quebec.

SO FEW RETRIEVERS

are mentioned on this side the water that we are pleased to draw particular attention to the puppies of this breed offered for sale by a breeder in Regina, N.W.T.

THE "MONASTERY KENNELS"

is the very suggestive name claimed by Mr. T. Tilley for his Kennel of St. Bernards.

FROM MR. FRED. T. MILLER'S

business announcement we notice that he is now giving breeders an opportunity of using his dogs of various breeds. All are well known and of the best blood extant. Photos of any can be obtained for a nominal sum. Mr. Miller's red Cocker bitch Meig was third at Boston, as she had just weaned puppies she was handicapped by condition, which of course always tells.

A CURIOUS INSTANCE

of the intelligence of a dog has been supplied by a contributor to our contemporary the *Field*. When a gentleman was shooting in Essex a short time ago he observed a French Partridge flying towards him on the other side of a hedge, and was about to shoot it when it dropped in a ditch. He sent his Retriever for it, but the dog came back with only a few feathers in its mouth; on sending the dog again it returned carrying by the spout an old tea-kettle with the Partridge inside. The latter had evidently crept into the kettle for safety, and the dog not being able to get its head in to secure the bird took the only course that was available, and took to its master kettle and bird together.

A CANADIAN COLLIE CLUB.

RECENTLY a number of well-known dog fanciers met at 2450 St. Catherine street, Montreal, for the purpose of considering the advisability of inaugurating a club, of which the object would be to encourage the breeding and exhibiting of this breed. Mr. Alex. Smith, of Aberdeen, Scotland, a member of the Scottish Collie Club, who was present on account of his experience in this connection, was able to render valuable assistance to the project. Mr. Childs was appointed Chairman of the meeting, and Mr. Roy Secretary pro tem.

After some preliminary discussion it was unanimously resolved "that a Club be formed in the interests of the Collie, to encourage the breeding, importation and exhibition of pure bred Collies whereby the breed may be improved in Canada."

A committee composed of Messrs. Smith, Childs, Thomson, Gault, Robertson and Roy was then appointed to draft a constitution and by-laws to be submitted at the next meeting, when the Club will be formally inaugurated, and officers elected. The remainder of the evening was spent in discussing the admirable qualities of the Collie, and generally in a manner congenial to Collie breeders.

We should be pleased to have further reports from the Secretary.

AMERICAN SPANIEL CLUB.

STANDARD FOR COCKER SPANIELS—PUBLISHED BY REQUEST.

A COCKER SPANIEL must not weigh more than 28 lbs. nor less than 18 lbs.

General Appearance, Symmetry, etc. (value, 10 points)—A Cocker Spaniel should be eminently a well built, graceful and active dog, and should show strength without heaviness or clumsiness. Any of the Spaniel colours is allowable, but beauty of colour and marking must be taken into consideration.

Head (value, 15 points) should be of fair length, muzzle cut off square, tapering gradually from the eye, but not snipey. Skull rising in a graceful curve from the stop, and with the same outline at the occiput, the curve line being flatter but still curving at the middle of the skull. The head should be narrowest at the eyes and broadest at the set on of ears, and viewed from the front, the outline

between the ears should be a nearly perfect segment of a circle. The stop is marked and a groove runs up the skull, gradually becoming less apparent, till lost about half way to the occiput. This prevents the domed King Charles skull, and there should not be the heaviness of the large Field Spaniel, but a light, graceful, well-balanced head. Jaws level, neither undershot nor pig-jawed, teeth strong and regular.

Eyes (value 5) round and moderately full. They should correspond in colour with the coat.

Ears (value 10), lobular, set on low, leather fine and not extending beyond the nose, well clothed with long, silky hair, which must be straight or wavy—no positive curls or ringlets.

Neck and Shoulders (value 10)—Neck should be sufficiently long to allow the nose to reach the ground easily; muscular, and running into well-shaped, sloping shoulders.

Body (value 15)—Ribs should be well sprung; chest of fair width and depth; body well ribbed back, short in the coupling, flank free from any tucked-up appearance, loin strong.

Length (value 5) from tip of nose to root of tail, should be about twice the height at shoulder, rather more than less.

Legs and Feet (value 15)—The fore-legs should be short, strong in bone and muscle; straight, neither bent in nor out at elbow; pasterns straight, short and strong; elbows well let down; the hind legs should be strong, with well-bent stifles; hocks straight, looked at from behind, and near the ground. Feet should be of good size, round, turning neither in nor out, toes not too spreading; the soles should be furnished with hard, horny pads, and there should be plenty of hair between the toes.

Coat (value 10) should be abundant, soft and silky, straight or wavy, but without curl; chest, legs and tail well feathered. There should be no top-knot or curly hair on top of head.

Tail (value 5) usually docked, carried nearly level with the back. At work it is carried lower, with a quick, nervous action which is characteristic of the breed.

SCALE OF POINTS.

General appearance.....10	Body.....15
Head.....15	Length.....5
Eyes.....5	Legs and feet.....15
Ears.....10	Coat.....10
Neck and Shoulders.....10	Tail.....5
	Total.....100

HOW TO DESTROY A DOG ?

Editor Gazette:

WHILE I can generally coincide with what you quote from *Our Dogs*, now and then I see a paragraph which is calculated to mislead or to say the least, with which many experienced men could not agree.

The recommendation to poison a dog that for some reason it seems judicious to destroy, is not one that commends itself to me. Poisoning is uncertain, possibly cruel and not always without danger to the poisoner.

The only poison at all suitable is prussic acid; but if this be used strongly it is dangerous to the person who gives it, and if not strongly it may not kill the dog in that speedy way desired. There is some reason to suspect that even when it kills suddenly it is not unattended with pain. Prussic acid is beside a dangerous fluid to have about. A method easily carried out, safe, sure and painless is to be found in the administration of chloroform by inhalation. The chloroform in this case should be inhaled pure (free from air). To accomplish this, let the dog's legs be tied together with a cotton bandage. Prepare a cone of say table oil-cloth (though a towel will do) just large enough to admit the dog's muzzle. Place in the small end of the cone either a sponge or some cotton wool. Pour on this a tablespoonful of chloroform and with the dog lying on his side clap the cone over his muzzle and retain it there. The dog will struggle and must be retained in position, but in most cases all will be over in a couple of minutes, but the cone should be retained in place for a little while so that there may be no doubt that the animal is quite dead. It may rarely happen that more chloroform may be necessary to end the work, but if the exclusion of air be complete death must ensue. The best chloroform need not be used but a cheaper kind will do. Of course if the owner of the dog is near a Veterinary Surgeon he would do well to secure his services if he has not seen the procedure. I know of veterinarians who once sanctioned the prussic acid method who have abandoned it in favor of chloroform, and of course prussic acid is much safer and in every way more desirable in the hands of an expert than when given by a person who is unaccustomed to handling strong remedies. It is possible to bungle the chloroform method but if the dog be secured so as to be unable to free himself, if the cone be so arranged that air cannot enter the lungs with the chloroform nothing

can resist its fatal effects; and if after life seems to be extinct the cone be still left in place for a while there is no danger of recovery.

But poison in any form should be avoided by those who wish to act in a humane manner.

WESLEY MILLS, M.D.

BARKS.

IN addition to the Canadian exhibits at New York, mentioned elsewhere, the Norfolk Fox Terrier Kennels are sending fifteen entries in smooths, wires and Irish Terriers. About fifteen youngsters are also being sent to the American Horse Exchange for sale. Several dogs are going from Hamilton and Mr. Stewart and Mr. Kennedy hope to attend in person. All in all Canada will be prominently represented in New York this year.

The Belle Isle Kennels of Detroit have decided to give Canadian breeders continued opportunity of using that good little dog Omo's services. Canadian bitches may be sent to Windsor, Ont., and they will then be personally escorted across the line and back again, so that no possible trouble with the Customs can ensue. At Boston Ch Baby Ruth, dam of Omo, won the cup for best Cocker and one of his puppies won third in a big class. Miss Phyllis and Miss Jerry, litter sisters of Omo, were respectively 1st and 2nd at Boston. The red bitch Gaiety Girl, from the same kennel, was first in a challenge class of five and now needs but one win to make her a champion. As she is entered at New York this may be accomplished. Red Doc, the sire of this good bitch and a getter of red puppies is also an inmate of this kennel, whose efforts will now be devoted to "Canada's national dog."

The annual meeting of the Hamilton Kennel Club was held in A. D. Stewart's office, on Feb. 12th, R. F. Wodehouse, Second Vice-President, being in the chair. There is a balance of about \$50 on hand and the membership is 75. These officers were elected:—E. Tinsley, President; R. B. Harris, R. F. Wodehouse, Vice-Presidents; W. J. Tulk, Secretary; K. F. Dewar, Treasurer; M. H. Ten Eyck, Hon. Veterinary Surgeon; Executive Committee, W. McDonald, Archie Thompson, W. H. Thompson, Joseph Kennedy, J. J. Tulk, A. D. Stewart, Geo. T. Ritchie. It was decided to hold a dog and cat show on April 10th.

EVOLUTION OF SEX.

THE above is the heading of a very interesting discussion in your columns, but would it not have been more appropriate to have called it "Determination of Sex." The subject is far too deep to be fathomed in a letter, and I am afraid that, no more than others, shall I be able to touch bottom.

Great good would ensue if breeders would carefully record facts and experience. There is always danger, however, in making deductions from too limited a range of facts. Theories should follow, not precede, observation. They are often propounded with an enthusiasm which is inversely proportionate to knowledge; and where facts are silent the imagination is often the more eloquent.

At the end of the last century some 500 theories were put forward to account for the cause of sex—many of them only too funny—since which time their number has been very considerably increased. When so many explanations exist the natural inference is that all are wrong. There is, indeed, none which gives satisfactory explanation of all the various phenomena which are witnessed in widely-divergent organisms.

The problem of the determination of sex is one yet to be solved, and the uncertainty of its insolubility lends it a peculiar charm. It is not possible in a limited space to give more than a slight *resume* of the subject, but I would strongly urge all who are interested to read Geddes and Thompson, "Evolution of Sex" (Cont. Sci. Ser., Walter Scott), wherein the "nutrition theory," as it is called, is very forcibly advocated, though not to my mind conclusively proven.

Firstly, we must consider the origin of sex in the biological scale. In the lowest forms of animal life (protozoa) there is no sex (a sexuality or g rmiparity), a little higher, *e.g.*, in snails, we have the two sexes equally developed (hermaphroditism or bisexuality), until still higher we reach to division of the sexes (or differentiated unisexuality). We must remember, too, that these divisions are not sharply defined, but overlap each other in every conceivable way. Some organisms, such as the aphid, or plant-louse, produce both sexually and asexually (parthenogenesis) according to season and food supply. This instance has been largely used to support the "nutrition theory," as aphides, asexually, always produce females when food is abundant in the summer time, but when food gets scarcer in the autumn they produce winged males, which fertilise the females gamogenesis and cause them to lay eggs, which rest dormant through the winter and develop in the spring. Season, and the con-

ditions of existence brought about by natural selection, as well as food supply, may therefore be the cause of this change in the mode of production. Some of the arthropoda, the crustacea (*e.g.*, crabs and shrimps), reproduce in a similar manner. Wasps and bees do the same. It is a curious contradiction—which I do not remember to have seen noticed—that, whereas, the aphides always firstly produced females, the queen bee produces always males parthenogenetically, when she withholds the spermatozoa during the process of depositing her eggs. She is furnished with a *spermatheca* or *receptaculum seminis*, wherein the male elements, received from the drone in her nuptial flight, are stored up, and which she can use or withhold, at her will, when she lays her eggs; so that in the former case a fertile queen or an infertile (more or less) worker is produced, and in the latter the result is invariably a drone. By "royal food" the worker (an imperfect female as regards fertility, though different degrees of this exist), can be changed into a queen, or perfect female; but the drones (males) are never so changed, and no royal diet can evolve *what was not in the germ at the commencement*. This is important to remember when we discuss the nutrition theory in all its bearings. Ants have similar laws of sex. A single fertilisation of a queen ant will serve for thirteen years (Sir J. Lubbock), and of a queen bee for three years. Bees live through the winter in warm quarters, but wasps all die except the queen, whose fertilised ova laid in the spring (Von Siebold's experiments), "unlike those of hive bees, develop into males as well as females; while the unfertilised, or parthenogenetic eggs, may produce females in small percentage." When "workers" of wasps and bees lay eggs, these produce drones only (Huber). Worker ants also always produce males (Sir J. Lubbock).

Many experiments have been carried out by Girou and others upon sheep to show that good feeding produced 60 per cent females, and low feeding only 40 per cent; but in these cases there were other factors. In the former case 150 ewes were served by two young rams, and in the latter 150 were served by two old rams. Dusing and others have noted that more male humans are born in cold weather, but *their sex must have been determined during the hotter months*; and Schlecter has made similar observations upon horses, though in this case, as the mare goes eleven months in foal, the same would not apply. Dusing has further pointed out "that after wars and epidemics a larger percentage of male children are born;" but this cuts both ways, and is not much support to the "nutrition theory." My late esteemed friend and co-worker in many subjects, Captain Keene, prepared a table of curves to show that the female birth curve rose as the price of wheat declined, and that the two curves

varied in this way for the last fifty years. These statistics were based upon the Registrar-General's returns and Mark-lane records of prices.

Tadpoles (a sort of larval stage of the frog) can be changed (or the sex developed) by feeding upon highly nitrogenous food, so that a great preponderance of females results, especially when made into cannibals—to eat their own kind.

Sex, as has been pointed out, is the result of evolution in the animal kingdom, and is largely dependent upon utility in individual species. It is a division of labour, and it is only reasonable to suppose that varying conditions of requirement exist in different organisms. Whatever be the law we may be sure it is the best possible for the preservation of the particular species to which it applies. I may again refer to this theory later on, but must now consider "Time of Fertilization." Thury, who was a practical breeder, believed it to have influence in the case of cattle. It is asserted that the nuclear matter (germ-plasm) is nourished by the yolk matter (cyto-plasm); that when this has not been used up, as in early fertilization, female offspring results; and that later fertilization produces males.

It is, however, more than doubtful whether the cytoplasm is at all drawn upon by the nuclear plasm until the latter is fertilized and started into activity. Modern cytologists (*i.e.*, those who study cell-physiology) look upon the male sperm and female germ as cells, equal and similar in a physiological sense. Why, indeed, should not the same law be applied to a male sperm cell. They are often used months and even years after secretion. In ants and bees, and even in bats (as Hensen cites) spermatozoa may remain a whole winter in the uterus of the female. Similar conditions obtain in the turtles (*chelonidae*). We should, therefore, expect on the above theory—*mutatis mutandis*—that female offspring only would be produced; but such is not the case. The eggs of the turkey and the common fowl can be fertilized for eighteen days by a single act of impregnation, and it would be interesting if some of our poultry friends would let us know whether the first half of the eggs were mostly hens, and the last half mostly cocks. This would have to be carefully tried and tested in several instances, but it could very easily be done. Of course, it does not follow that all the ova are simultaneously impregnated, as they may be successively so, day by day, by resting spermatozoa, in which case a different result should follow. For Hensen says, "A very favorable condition in both ovum and sperm will probably lead to the formation of a female;" later, when the male sperms become more and more exhausted, females

would, *a fortiori*, be again produced. The result would, therefore, be nearly all of the female persuasion. This would not only be a very interesting experiment, but a very useful one to poultry keepers, if it came off.

Dusing has advanced what may be termed a compensating or self-regulating process to equalize the sexes—that where males preponderate the ova are likely to receive early fertilization, and females be produced in larger numbers, so that the balance gets restored; and *vice versa* in the opposite case. He says that "after wars and epidemics a larger percentage of male children are born;" because after war there would be fewer males left, so the ova would not be fertilized so early, and so males would be produced to restore the balance. I do not see, however, how the law could apply to epidemics as they carry off as many females as males.

The "age theory," as determining sex, generally known as Hofacker's or Sadler's law, which has been supported by Gohlert, Boulenger, Legoyt, and others, but directly denied by Stiela, of Alsace, and Berner, of Scandinavia, is, that when the male parent is older than the female, the result will be a preponderance of male offspring and *vice versa*. In the case of Girou's sheep experiment (*cf. supra*) this was confirmed, as the two younger rams produced sixty per cent and the two older rams forty per cent of females. Other statistics, however, conflict with this, and very little importance must be ascribed to the relative ages of parents.

"Comparative vigour" seems to present a good theory. This has been maintained by Girou and others; but the facts do not always bear out their conclusion that physical strength, or relative ardency, in either parent produces offspring of the like sex to the parent which possesses the superiority. Starkweather, indeed, states the contrary—viz., "that sex is determined by the superior parent, also that the superior parent produces the *opposite sex*." Darwin "sat upon the fence," and said, "I now see that the whole problem is so intricate that it is safer to leave its solution to the future." So our great authorities do not help us much in this matter.

There is, indeed, no theory that explains all the circumstances, and doubtless many factors are brought into operation which influence the results. Probably different conditions or determining causes exist in different organisms; and what may determine the sex of a plant, an insect, or a tadpole may not operate in the case of a mammal.

I think we may safely say *that the higher is the organism in the scale of nature, the earlier (relatively) is the sex determined in the embryo.*

If we glance for a moment at the two theories which have been so prominently put forward on the doctrine of development, it may clear the field a little. The one is that of Preformation or Unfolding, which was held by the older naturalists of the seventeenth and eighteenth centuries—that all parts which afterwards developed to maturity were existent in the organism (in miniature) at the beginning, and were simply unfolded as the blossom from the bud; the other is that of Wolff (*Theoria Generationis*, 1759) or what is termed Epigenesis, which means the building up of complicated form and an actual increase of complexity from an extraordinarily minute and apparently simple structure possessing latent complexity, which becomes patent during the progress of ontogeny (*i.e.*, the development of the individual from the ovum to the adult condition.)—*J. Sidney Turner in the English Stock-Keeper.*

To be Continued.

THE BOSTON SHOW.

It was a wise move that made the management of the Boston show have their show to begin the spring circuit instead of having it in April, when the dogs are played out and the people have outside sports to amuse them. The show was run "à l'Anglaise," as the catalogue showed, the challenge classes being judged last; another feature that was attractive was the champion's class, a class that has not been common in America, though some shows had them eight or ten years ago. The members of the New England Kennel Club are mostly men who are well blessed with this world's goods and are willing to go down in their pockets, but this year I fancy that the show payed well, as the attendance was excellent. As is the custom, and a very good one too, the exhibitor's luncheon on Tuesday was enjoyed by many, including a generous sprinkling of the fair sex. Another great attraction that cannot be left out was Col. Schultz's team of performing Great Danes, all of which are excellent specimens of the breed, and were a treat to look at, being greatly in advance of the curs that are usually seen in a performance of this sort. A handsome cup was offered for the best dog in the show, judged by all the judges. This was eventually awarded to Messrs. Rutherford's smooth Fox Terrier Warren Captious, though she was closely pressed by the Collie Wellesbourne Wonder and the Scotty Tiree.

Bloodhounds.—These were judged in a masterly manner by Mr. Chas. H. Mason, all the prizes going to Dr. Lougest, who showed a grand pack of fifteen. In *Mastiffs*, as in the former case, Dr. Lougest won nearly everything, the best

being Black Prince Brampton, who was marked for exhibition only, a grand big dog who can move like a Terrier. *St. Bernards*—This breed is going down in popular fancy, many of to day's winners would only have received a V.H.C. card four or five years ago; however, such good specimens as Altoneer, Alton Jr. and Melrose King, all by Ch. Alton, saved the breed here; a very fair sort of dog, Sir Ethelwood, won in rough dogs—he has good legs and feet but is rather poor in head and expression. *Great Danes.*—Here Earl's Hamlet, a large fawn, rather coarse in head but excellent in body, legs and feet, won, being well shown. Astute Mr. G. Muss-Arnolt's Chummie, second, is a good brindle with capital legs and feet. *Deerhounds*—Col. John E. Thayer had pity on the breed this year, making nine entries, all of which are well known. The Imperial Kennels, Montreal, won third with General Gordon, who is handicapped by a bad hind foot. *Boarhounds*, a new breed, represented by thirteen, are useful looking hounds, evidently a cross between an American and English Foxhound with a dash of Bloodhound plainly shown by the length of ear. *Boar Setters* are also perhaps new, though ordinary mongrels are old. I tried to get Mr. Mason's opinion of these dogs, but he informed me that "he had been around to look at them several times, but they were always 'setting' down, in fact he was beginning to get quite 'boarded.' (Patent applied for.—Ed.) *Greyhounds*—The New York winner of last year Puck won here, being best in body and loin, the others have been frequently shown. *Russian Wolfhounds*—Messrs. Weeks and Turner just received from England a new dog, Marksman, bred by the Duchess of Newcastle; nothing has ever been shown in this country to touch him in size; he has a grand head and body, well sprung ribs and legs and feet "against the world." *Foxhounds*—The only really good hound shown was Songster, a big English dog bred by the Duke of Rutland. His bone, legs and feet are very good. *Pointers and Setters*—There was a capital entry of these dogs, the principal winners, however, have repeatedly won, nothing really startling being shown amongst the new ones. *Spaniels*, challenge *Field*, dogs, Drayton Warwick, owing to Woolton Baron's poor condition, won, Moonlight Bell was an easy winner in bitches. In champion class Dennis the Irishman, looking well, was alone—he seems to improve under the supervision of his fair owner, Miss Anabel Green, who is getting together a nice lot of Spaniels. Open black dogs—Endcliffe Bishop, just brought out from England by Mr. Geo. Thomas, won rather easily, although not in good feather

just now; Royd Monarch 2nd is good in body but very coarse in head. I preferred Wardleworth Sweep for the place. Bitches—Endcliffe Myrtle has improved lately and won easily from Zulu; Woolton Wonder was alone in the any other color class—he is not in the best condition. Cocker—Challenge black dogs—Pickpania here beat Middy, whom I though might have won, as the winner stood very badly in front and was not in good condition. Challenge bitches—Dart was placed over Woodland Princess, which is open to question. Challenge dogs or bitches, any other color—Here a surprise came out for everybody when Gaiety Girl, in poor condition, was placed over Goldie S., who could only get Res, Ruth S. being 2nd; however, if Mr. Oldham prefers a clean headed Cocker to one with a heavy head and muzzle, the decision was right—I think, considering condition, Goldie should have won. Bim and Lorraine were outclassed. Champion class—Here Mr. Bloodgood had Baby Ruth marked for specials only, a mistake by which Miss Waggles profitted. Open black dogs—Geo. Douglas won rather easily with Havoc, a beautiful headed dog, and good in body and bone, but only being a puppy he is rather raw at present—however, a great future is in store for him. Our old friend Paro (better known as Still in the Ring) was second, a good dog but too much on the long, low order and to-day not in good condition; a number of very good dogs followed up in the rear. Black bitches—As was predicted some time ago, Miss Phyllis easily won, followed by her sister, Miss Jerry, Mr. Bloodgood's \$200 investment; the winner was looking well and her coat is now doing nicely. This is probably the strongest class of Cockers ever shown in America, numbering seventeen. Red or liver dogs—Raven R. received his deserts here by winning first over Brookside King, the Brooklyn winner. Bitches—Red Dolly won easily; she is far too fat and did not look nearly as well as when I sold her to Mr. Greer, of Brooklyn. Miss Squeers, 2nd, is not good in head and might have given way to Bayview Meig, shown by Mr. Fred T. Miller, of Trenton; the latter bitch, however, was in poor condition. Geo. Bell's Red Coat unfortunately was entered in the wrong class, or might have been in the money. Parti-colored Cockers are rapidly gaining favor, the black and whites are much in advance of the liver and whites and show better quality in head. Clumbers—Mr. Henry Jarrett, showed the same team that were at Toronto and Montreal. Dennis was the only *Irish Water Spaniel*. Beagles—An excellent entry, most of the prizes going to Joe Lewis, C. S. Wixom

and the Hempstead pack. *Dachshunde*—Mr. Klein's usual entries were greatly missed, however, he had an excellent puppy in Senator Puck, easily winning first. There is a rumor that Geo. Thomas will have a kennel of world-beaters at New York; as Mr. Klein is judge, we will know their true merits. *Collies*—The best entry seen in Boston for many years. Puppies—Nero L., the winner, is rather a nice one, very smart head and ears and good coat. Braehead Regent, 2nd, has a good body and coat and fair head and ears; he was bred by Mr. A. F. Gault, who, considering the short time he has been at it, is turning out some rather nice Collies. Puppy bitches—Zeita, first, has a catchy head and ears, but is very weedy. Wellesbourne Vic, second, is too cloddy and small; my choice for 1st was Naida, V.H.C., who had much the best body coat and was very fair in head and ears. Open dogs—Wellesbourne Wonder has now grown into a grand big Collie—his head is a trifle coarse and his stern a bit gay, but his body, coat, legs, feet and expression are all that can be desired. Hadfield Don is very fair but he never seems to be in coat. The old Canadian campaigners, Finsbury Hero and Canadian Monarch, were 3rd and V.H.C., both out of condition. Bitches—Wellesbourne Goldmine, 1st, was dead out of coat, and might have given way to Flora May, a larger bitch in better condition. Old Ch. Wellesbourne Charlie had a walk-over in challenge dogs—he lasts wonderfully well and is doing good service at stud, being sire of the open class winners, as well as the 1st and 2nd prize pups. *Old English Sheep Dogs*—An unusual entry of thirteen—nothing, however, could touch the old winners, Boxer III and Mayoress of Newport. *Poodles*—A very good entry, most of the prizes going to the Meadowmere Kennels and H. H. Hunnewell, Jr. *Bull Dogs*—In open dogs the English crack, Lord Yarmouth, just off the water, was beaten by Beaver Brook Sultan, whom he can easily down when in good shape. The winner is a white dog with brindle markings on head, grand skull and well turned up face, wide in front and a short compact body. *Bull Terriers*—Mrs. F. F. Dole was first in most of the classes, till Nonpareil met Tommy Tickle, owned by Mr. T. S. Bellin; Frank Dole has led in Bull Terriers too long to stand a thing of this sort, so he cabled to England for the supposed champion of the world, Woodcote Wonder, who is expected to be at New York. *Boston Terriers*—The Boston management did a wise thing in appointing Mr. Mortimer as judge of this breed, and the careful and business-like way he judged pleased even the disappointed contingency.

These dogs, as Dr. Mills said two years ago, are "a show in themselves." They have improved since then and there is now some uniformity of type. With such a well-known sportsman as Dr. W. G. Kendall interested in the breed they are sure to be well looked after. Several *French Bull Dogs* lately imported were shown, they very much resemble their Boston cousins but have natural ears and better fronts. *Smooth Fox Terriers*—Everyone was glad to see that grand quality Terrier Prisoner win in challenge dogs, with Warren Safeguard next and Wawaset Actor last, a grand dog, but lacking Terrier characteristics, a thing such an old sportsman as German Hopkins could not overlook. Smooth puppies were not as good a lot as one would expect. Novice smooth dogs—Warren Sexton was an easy winner, good head, ears and front, catalogued at \$100, at which price he is a gift. Starden's Thrift, second, is in better condition than last year but his day is past. Novice bitches—Nothing much in this class. Open dogs—Beverly Victor, 1st, a good one in head and ears, was closely pressed by Warren Senator, a dog with a lovely head and ear and good coat, body and front. Warren Cautious, Dudley Saunter and Warren Sentence were a grand trio in open bitches. Wire puppies—The winners lacked substance. Novice dogs—The new dog Grange Hill was an easy 1st—capital head and ears, good coat, but at present light in body—the same old lot followed him. Bitches—Rousay Mimic, another new one, is good all over except that she is a bit weak in face. In open dogs the only new one was Mister Nobs, who has been doing a bit of winning of late; he resembles his sire, Cribbage, very much. Rousay Mimic was an easy 1st in open bitches. Challenge dogs—Cribbage going in front won from Thorncliffe Knockout and Oakleigh Bruiser. *Scottish Terriers*—The same lot that are often seen, but not nearly so many as are usually seen at a Boston show. *Irish Terriers*—The only new one was Briggs' Hot'un, and a red hot one he is, having a most wonderful front and bone, excellent head, ears and coat. Tory, 1st in open dogs, has greatly improved, still he is much too light in bone. *Black and Tan Terriers*—The winner in open dogs, Gero, had just arrived from England; he looks like making a clean sweep on the circuit. *Pugs*—An improvement on the last few years. Otterburn Penrice showed very badly, so was beaten by Drummer Lad. Otterburn Pearl won easily in bitches and will now have to go into the challenge class. Champion Otterburn Treasure was alone in challenge class, also winning the special. *Toy Spaniels*—Only a fairly good lot—too bad Mrs. Pitt could not have a "shy" at the prizes. I feel sure she would sweep the board. C. Y. FORD.

KENNEL REGISTER.

We make no charge for entries in this column, all we ask is that registrations be made in the following form. Write plainly.

WHELPED.

Ruby II—Holy Smoke—R. H. Trimble's, Toronto, Cocker bitch Ruby II, six (all dogs), to H. Parker Thomas' Holy Smoke, Jan. 8th, 1897.

Daylight—Blackrock Rummager—H. Day's Fox Terrier bitch Daylight (Dusky Trap—Queen Pin), seven, three dogs, to Wm. Carnew's Blackrock Rummager, Jan. 15th, 1897.

Vic Obo—Ch Red Obo—T. J. Tilly's black Cocker bitch Vic Obo C1505, three dogs and one bitch, to Robertson's Ch Red Obo.

VISITS.

Elora Blue Bird—Rambler II—Elora Kennels Beagle bitch Blue Bird C3566 to their Rambler II (Rambler—Music), Jan. 7th.

Holy Smoke—A. E. Douglas, Napanee, red Cocker bitch—to H. Parker Thomas' Holy Smoke, Feb. 4th and 5th, 1897.

Collie bitches who have visited H. B. Hungerford's Melphus:—Auchcairnie Duchess, Dec. 28th, 1896; Beulah, Dec. 30th, 1896; Mr. Lobban's Nellie, Jan. 2nd, 1897; Mr. Robt. McEwen's Laurel, Jan. 13th, 1897; Mr. Roy's Braehead Regina, Jan. 28th, 1896.

Vera—Waldman—Mr. Irving R. Johnson's Dachshunde Ver to Waldman. (No date given).

Lady Aberdeen—The Abbot—Mr. H. K. Smith's, Belleville, R.C. St. Bernard bitch Lady Aberdeen to T. J. Tilly's The Abbot, Dec. 19th and 22nd, 1896.

Mamie—The Abbot—Mr. F. T. Miller's, Trenton, R. C. St. Bernard bitch Mamie to T. J. Tilly's The Abbot, Dec. 21st and 25th.

Duchess of Montrose—The Abbot—T. J. Tilly's R. C. St. Bernard bitch, D. Montrose to owner's The Abbot, Dec. 31st and Jan. 4th.

SALES.

Ino Obo—Warren Lewis, Ypsilanti, Mich., has sold the Cocker bitch Ino Obo C3511 by Count Obo, to R. J. Cuyler, Galesburg, Ill.

Auburndale Cocker Kennels, Auburndale, Ohio, have sold:

Ebony Princess—Black Cocker bitch by Ebony Prince ex Toledo Duchess, to H. E. Fontaine, Detroit, Mich.

Ebony Duke—Black Cocker dog by Ebony Prince—Toledo to L. D. Wright, Toledo, O.

Ebony Ted—Black Cocker dog by Ebony Prince—Toledo to W. Miller, Toledo, O.

Ebony Grand Duke—Black Cocker dog by Ebony Prince—Toledo, to J. G. Pearre, Washington, D.C.

Ebony Pluto—Black Cocker dog by Ebony Prince—Toledo to S. P. Scott, Hillsboro, O.

Ebony Beauty—Black Cocker dog by Ebony Prince—Toledo to R. R. Hood, Chicago, Ill.

Elora Kennels have sold:

Elora Blue Fly—Blue ticked Beagle bitch C 3243, whelped Nov. 20, 1893, by Elora Blazer out of Elora Blue Bell, to A. Little, Ferguson, Ont.

Elora Pet—Black, white and tan Beagle bitch, whelped Dec. 31st, 1895, by Elora Yap out of Elora Wicklow to N. Candy, Guelph, Ont.

Elora Paddy—Black, white and tan Beagle dog, whelped Sept. 20th, 1896, by Elora Drummer out of Belle P. to Wm. Reynolds, Elora, Ont.

Elora Starter—Black, white and tan Beagle dog, whelped March 17th, 1896, by Stormer out of Elora Fair Maid, to Francis Briscoe, Osceola, Ont.

Elora Stopper—Black, white and tan dog, same litter, to John Neer, Doon, Ont.

Elora Chanter—Black, white and tan Beagle dog, whelped April 7th, 1896, by Stormer out of Elora Daisy, to same.

Elora Dolly—Black, white and tan Beagle bitch, whelped August 17th, 1894, by Elora Drummer out of Honest May Belle, to R. Gough, Fergus, Ont.

Elora Storm—Black, white and tan Beagle dog, whelped April 17th, 1896, by Stormer out of Elora Dolly, to Ed. Maher, Orton, Ont.

Elora Stormy—Black, white and tan Beagle dog, same litter, to T. Bullock, Doon, Ont.

Elora Stormer—Black, white and tan dog, same litter, to M. Hollis, Damascus, Ont.

Elora Streak—Black, white and tan dog, same litter, to L. R. Day, Fergus, Ont.

Elora Doc—Black, white and tan dog, same litter to C. Alpaugh, Fergus, Ont.

Elora Chirp—Black, white and tan Beagle bitch, whelped April 7th, 1896, by Stormer out of Elora Daisy, to L. R. Day, Fergus, Ont.



Mr. J. H. Cayford, Box 1,168, Montreal, is our Agent and Correspondent for the Province of Quebec. Any correspondence relating to subscriptions or advertising may be addressed to him.

This paper is mailed regularly to its subscribers until a definite order to discontinue is received and all arrears are paid in full.

SEND A STAMP FOR REPLY.

Enquiries not of a business nature must be accompanied by a three cent stamp for reply.

Outing for February is seasonable, interesting, and superbly illustrated. "Way Beyond Saskatchewan" is an entertaining story by Therese Guerin Randall, which proves her to be well acquainted with the half-breeds of the North. "Sportsmen's Dogs," by Ed. W. Sandys; "Grouse Shooting in the Snow," by R. B. Buckham; "Horn and Hound in Louisiana," by A. Wilkinson; "Under the Snow," by W. B. Cameron, and the conclusion of Sara Beaumont Kennedy's admirable story, "Redcoat and Continental," are prominent features of an excellent number.

Canadian Kennel Gazette.

IS PUBLISHED AT
Toronto, Ontario, Canada,
BY H. B. DONOVAN.

Terms—\$1.00 per Year, Payable in Advance.

ADVERTISING RATES.

Advertisements will be inserted at the rate of 10 cents per line each insertion, 1 inch being about 10 lines. Advertisements for longer periods as follows, payable quarterly in advance:—

	1 Mon.	3 Mon.	12 Mon.
One page.....	\$20.00	\$50.00	\$75.00
Two columns.....	20.00	35.00	50.00
Half page.....	15.00	25.00	40.00
One column.....	12.00	20.00	35.00
Half column.....	8.00	15.00	25.00
Quarter column.....	6.00	10.00	15.00
One inch.....	2.00	3.00	5.00

Advertisements contracted for at yearly or half yearly rates, if withdrawn before the expiration of the time contracted for, will be charged full rates for time inserted.

Back and front cover pages a matter of special correspondence.

Breeders' Directory, 125 col card, 1 year \$10; half year \$6.

These are our only rates for advertising, and will be strictly adhered to. Payments must be made in advance. Yearly advertisements, paid quarterly in advance, changed every three months without extra charge.

All communications and advertisements must be in our hands by the 10th to insure insertion in issue of same month. Address.

H. B. DONOVAN
124 Victoria Street, Toronto, Ont.

BREEDERS' ADDRESS CARDS.

\$1 PER ANNUM.

COLLIES.

Braehead Kennels 148 McTavish St., Montreal, 1296

ST. BERNARDS.

John McDougall, Collingwood, 1297.

FOX TERRIERS

W. Carnew, Belleville, Ont. 1297

FOR SALE OR EXCHANGE

Advertisements of 27 words, including address, received for the above objects, at 25 cents for each and every insertion, and 1 cent for each additional word. Payment strictly in advance. No advertisement will be inserted unless fully prepaid.

Black Cocker Pups—Sire Champion Red Obo dam Vic Obo (Imp Bob Obo ex Imp Floss Obo), three dogs and one bitch, whelped Jan. 31st. Two choice litters of St. Bernards due this month. McNastery Kennels, Port Hope, Ont.

Fox Terriers—Two bitch puppies by Norfolk Bang ex Nancy Bistles, also two dog puppies by London Coronet ex Nellie. Sacrifice sale. Cathcart Kennels, London.

At Stud or for Sale—The thoroughbred English Mastiff Ilford Frank. He is a grand specimen full pedigree. For further particulars address Cathcart Kennels, London, Ont.

At Stud—Scottish Leader Jr, Canada's greatest St. Bernard, winner of four 1sts at Toronto and Montreal and special for the best St. Bernard in the show, beating such noted dogs as Eboracum, Count Willard and other good ones. Fees \$25. All bitches returned free. Puppies by Leader for sale. H. Stableford, Watford, Ont.

For Sale—The rough coated St. Bernard brood bitch Jessie, or would exchange for good Cocker, (reds or part colors preferred), Bull Terriers or Collies. Bayview Kennels, Trenton, Ont.

FOR SALE.

A FEW THOROUGHBRED

English Retriever Puppies

Address Box 45, REGINA, N.W.T.

AT STUD

The Smooth Coated St. Bernard,

Altoneer's Pompey

By Champion Altoneer ex Judith.

The pure White English Bull Terrier.

Bayview Bob

By Roscoe ex Lomont Kit.

The Rough Coated Collie,

Bayview Christopher

By Christopher's Charlie ex Camper.

After May 1st (first) the Red Cocker Spaniel,

Bayview Duke

By Challenge Hamilton Jack ex Gyp Obo.

The above dogs are all highly bred and will be allowed a limited number of approved bitches at reasonable fees.

Photos 10c. Stock for sale.

Correspondence solicited.

497

FRED. T. MILLER, Bayview Kennels, Trenton, Ont

AT STUD

Black Cocker Spaniels

OMO

A.K.C.S.B. 42750.

Only son of Ch. Black Duke and Ch. Baby Ruth.

FEES \$15.

Omo is sure to breed prize winners from good bitches.

DUDE

C.K.C.S.B. 1405.

Newton Abbott Beau ex Dinah Bennett.

FEES \$10.

Special arrangements made so that Canadian breeders will have no trouble with the Customs.

Puppies for sale.

BELLE ISLE KENNELS, DETROIT, MICH.

198

ROUGH COATED COLLIE
— AT STUD, —
ROYAL SQUIRE.

A worthy son of Cham. The Squire, from a winning imported bitch, grand-daughter of Champion Christopher.

This young dog, sable with large white collar and perfect markings, has a coat of excellent quality, a long (10½ ins.) head of correct shape and with proper expression, the dog showing throughout true Collie character and high quality.

1st Open, 1st Novice and Cup for the best Collie on exhibition at the Montreal Ken. Association's Show. He will be allowed a limited number of bitches at the fee of

\$15.

MOUNT ROYAL KENNELS,
Westmount. Montreal, Que

AT STUD
ROUGH COLLIE
Dunblane Marvel

LATE

"BRAEHEAD ATTAINMENT"

Winner 5 prizes, 1896, including 1st novice Toronto; Special Montreal. Of which *Forest & Stream* says; Braehead Attainment had no trouble in winning, and when in good coat, should be able to give good account of himself. His head is long, ears well carried, while in body, bone, legs and feet, he leaves little to be desired. For Stud Fee apply

Dunblane Kennels, 37 Elgin Ave. Toronto.
Also a few puppies for sale by Domino II. tf

BLACK COCKER SPANIEL
Holy Smoke

C.K.C. 4067

SMOOTH FOX TERRIER
IMP. VICE DOGE

C.K.C. 3938. E.K.C.S.B. Vol. XXIII

BEAGLE
GHIMES

C.K.C. 4246

For Photos, Cards with description of above and prize winnings or for young stock apply to

H. PARKER THOMAS,
Quinte Kennels Belleville, Ont.

Clumber Spaniels,
Scottish Terriers,
Cocker Spaniels.

Newcastle Kennels, Brookline, Mass. U.S.A.

Manchester Black and Tan
Terrier Kennels.



ED MACK, Prop.,
121 Church St.,
Toronto.

At Stud:
Manchester Terrier

PERFECTO

1st Puppy Chicago Spring
1896,
1st Open Kingston Fall,
1896,
1st Open Montreal Fall
1896.

Stud Fee \$10.

High class stock always on hand for sale.

COCKER SPANIELS.

RED COCKER SPANIEL **RED COAT**
A Stud - Fee \$15.

Sire Red Leo (C2985) dam Red Vixen (C3787). Red Coat's first appearance on the show bench was at Hamilton Kennel Club Show held in Spring 1896, where he won 1st open, 1st novice and two specials. His next appearance was in England at Wellington, July 31st 1896, where he won 1st in a class of seven. The following is a criticism from *Our Dogs*, "In Cocker, Canadian Red Jacket (now Red Coat) by no means in good form, was still good enough to win. He is a nice headed dog, but shines most in his beautiful symmetry and proportion, and is of a rich red color, with low tail carriage and good movement." Criticism from the *British Fancier*, "Cockers saw our Canadian visitor exhibiting his charming red Cocker. He is a rich Irish Setter red, with an exceedingly flat coat, characteristic head, grand legs, feet, and body, and the correct tail carriage."

At Stud—Fee \$15—Black Cocker **SAY**—By Champion Fascination out of I Say.

At Stud—Fee \$10—Black Cocker The Almighty Dollar
By Champion Black Duk—Woodland Jude.

Smooth Fox Terrier—ECLIPSE TARTAR.

At Stud—Fee \$10—Smooth Fox Terrier **ECLIPSE TARTAR**, sire Apology dam Long-faced Beauty. His wins in England were as follows: 1st Burnley and also special, 2nd open Worthing, and 1st district. He won every time he was shown in England, and further comment is unnecessary as the above wins stamp him as a first-class Terrier. He was born June 8th, 1894. His breeder, Henry Hayhurst. Young stock always for sale. For further particulars, study cards, e. c., apply.

GEO BELL, JR., 139 Wellington St. West, Toronto.

AT STUD
Imported Smooth Fox Terrier
BLACKROCK RUMMAGER

By Ch. Venio ex Ch. Blackrock Radianc.

Winnings in England 1st open Gorey; 1st puppies, 1st Limit, 1st Novice, Strabane; Challenge puppy cup and Silver medal Armagh; also wins at Limerick, Cork and Bray. White body, black and tan head markings. He has long lean legs, very small dark eye, small perfectly carried ear, grand neck, shoulders and front with immense bone and perfect coat, weight 18½ pounds. Fee \$10.

Wm. CARNEW, Elmwood Kennels,
Belleville, Canada.

Clearing Sale

The Mount Royal Kennels offer for sale at much below value all their Dachshunds including prize winning bitches and young stocks. They can also spare a pair of Irish terrier puppies by imported

DUNOWEN.

Westmount, Montreal.

SPRATT'S DOG MEDICINES FOR SALE.

Cough Pills, 50c per box
Tonic Pills 50c "
Distemper cure \$1 "
Exzema " \$1 "
Locurium (For Cuts) 25c
Mange cure 50c
Worm Medicine 50c
Chronic Skin cure 50c
Dog Soap 25c
H. B. DONOVAN,

TORONTO, ONT.

TOY SPANIELS.

REUBEN, A.K.C.S.B. 34,110.

This celebrated little gem of a Ruby Spaniel, at stud weight only 6 lbs. Fee \$10.

First class King Charles and Japanese Spaniels also at Stud. Pups from prize winning, pedigreed and imported stock always for sale.

Address **RUBY KENNELS, A.H. GILMORE, Agent**
Worcester, Mass, U.S.A.

50 YEARS' EXPERIENCE.

PATENTS

TRADE MARKS,
DESIGNS,
COPYRIGHTS &c.

Anyone sending a sketch and description may quickly ascertain, free, whether an invention is probably patentable. Communications strictly confidential. Oldest agency for securing patents in America. We have a Washington office. Patents taken through Munn & Co. receive special notice in the

SCIENTIFIC AMERICAN,
beautifully illustrated, largest circulation of any scientific journal, weekly, terms \$3.00 a year; \$1.50 six months. Specimen copies and **HAND BOOK ON PATENTS** sent free. Address
MUNN & CO.,
361 Broadway, New York.

Canadian Kennel Club.

PAT. ON.
HON. SENATOR SANFORD..... Hamilton
HON. PRESIDENT:
R. GIBSON..... Delaware, Ont.
PRESIDENT:
H. BEDLINGTON..... Toronto.
1ST VICE-PRESIDENT:
G. B. SWEETNAM..... Toronto.
VICE-PRESIDENTS:
JAMES LINDSAY..... Montréal.
R. GIBSON..... Delaware.
P. G. KEYES..... Ottawa.
G. B. BRUCE..... Calgary, N.W.T.
SECRETARY-TREASURER:
H. B. DONOVAN..... Toronto.
EXECUTIVE COMMITTEE:
LESLIE GAULT..... Montréal.
DR. J. S. NIVEN..... London.
A. MURDOCH..... Hamilton.
A. A. MACDONALD..... Toronto.
R. McEWEN..... Byron.
I. A. KLEIN..... Maple Grove.
C. A. STONE..... Toronto.
R. W. BOYLE..... Toronto.
T. A. ARSON..... Kingston.
H. PARKER THOMAS..... Belleville.
F. T. MILLER..... Trenton.
A. GIBB..... Montreal.
SOLICITOR:
H. H. MACRAE..... Toronto.
AUDITORS:
JOHN G. KENT..... Toronto.
A. A. MACDONALD..... Toronto.

Blank for registration in the official stud book will be mailed on application.

H. B. DONOVAN, Sec'y-Trea.,
TORONTO, ONT.

497

HOW TO KEEP

A DOG IN THE CITY.

By DR. WESLEY MILLS

Price 25c. from Gazette Office.

BUY NO INCUBATOR



and pay for it before giving it a trial

The firm who is afraid to let you try their incubator before buying it, has no faith in their machine. We will sell you ours **ON TRIAL, NO CENT until tried, and a child**

can run it with 5 minutes attention a day.

We won **FIRST PRIZE WORLD'S FAIR** and will win you for a steady customer if you will only buy ours on trial. Our large catalogue will cost you five cents and give you \$100 worth of practical information on poultry and incubators and the money there is in the business. Plans for Brooders, Houses, etc., 25c. N.B.—Send us the names of three persons interested in poultry and 25 cts. and we will send you "The Bicycle: Its Care and Repair," a book of 180 subjects and 80 illustrations, worth 5c to any bicycle rider.

VON CULIN INCUBATOR CO.,
Box 566, Delaware City, De

497

THE

Canadian Poultry Review, Pigeons and Pets

Devoted to Poultry, Pigeons and Pets

The Canadian Kennel Gazette.

Official organ of the Canadian Kennel
Club. Contains each month
the C.K.C. Registrations.

Both above are large splendidly illustrated magazines, each one full of information relating to the special branch of the fancy it represents.

No breeder in Canada or the U.S. can afford to be without them.

Published at—

ONE DOLLAR PER ANNUM EACH.

Both to one address for \$1.50

ADDRESS—

H. B. DONOVAN, Publisher,

124 Victoria St.

Toronto Ont.

SPECIAL



The Norfolk Fox Terrier Kennels

Having decided to confine their attention strictly to the breeding of Wire-haired Fox Terriers, are offering their entire kennel of smooths for sale at very low prices. We will be pleased to send you catalogue and any other particulars desired



ATSTUD—NORFOLK BRISK

C.K.C.S.B. 4061.

By Meersbrook Bristles out of Meersbrook Judy.

FEE \$10.

Several are offered for sale at much below their value and should be secured at once.

In addition to above we have puppies and brood bitches in whelp, both Smooth and Wire, for sale at very low prices. All communications should be addressed to—

Winnings

OF

NORFOLK BRISK

First	New York,	1895,	Puppy
"	Detroit	"	"
" and Spl	Chicago	"	"
"	Toronto	"	Open
"	"	"	Novice
" and Spl	Bridgeport	"	
"	New York	1896	
"	Detroit	"	
" and Spl	Chicago	"	
"	St. Louis	"	
"	Toronto	"	C.F.T.C. Show
"	Hamilton	"	
"	Kingston	"	
"	Toronto	"	
"	Montreal	"	

Besides winnings with brace and kennel everywhere.

NORFOLK JOKER—C.K.C.S.B. 4062,

By Russley Joker out of Eskdale Nina.

Stud Fee \$10.

Norfolk Fox Terrier Kennels, 504 JARVIS ST., Toronto.