

STENO'S WANTED
COMPETENT MALE AND FEMALE stenographers and office clerks who desire to locate in Western Canada, where there are splendid openings for office help, would do well to communicate with H. Colin Ribble, manager of The Rebuilt Typewriter Co., Regina, Sask. This is an old established firm in the capital city of the greatest province. Splendid positions can be secured through them.

HELP WANTED—MALE
WANTED—AN OFFICE BOY. APPLY Chadwick Bros., Oak Avenue.

HELP WANTED—FEMALE
WANTED—A MAID. APPLY AT THE City Hospital.

WANTED—AT ONCE A FIRST-CLASS general servant for superintendent's residence, and an assistant cook for the main building. Good wages paid. Apply Hospital for Inmate, Mountain Top.

WANTED—GOOD WOMAN COOK. Wages \$20 per month to start. Apply Steward, Hamilton Club.

WANTED—A LAUNDRESS. APPLY maid, House of Refuge.

KITCHENERS, MENBERS AND GIRLS wanted. Perry Kaitling Company, 39 Park North.

WANTED—A HOUSEMAID, WITH RE-ferences. Mrs. J. M. Eastwood, Main Street East.

WANTED—GIRL TO DO HOUSEMAID'S work and sewing; references required. Mrs. Gordon J. Henderson, 1474 1/2 St. Duke Street.

OPERATORS AND APRENTICES WANTED. A. Meike, 27 1/2 John Street.

WANTED—GENERAL. MUST UNDER-stand plain cooking; references. Mrs. Wardrop, 224 Bay South.

MISCELLANEOUS WANTS
WANTED—DISC GRAMAPHONE. MUST be cheap. 84 Chatham Street.

DERMATOLOGY.
SUPERFLUOUS HAIR AND OTHER FAC-ial blemishes permanently removed. Diewell, 104 King West.

PERSONAL
PROF. BRAGANZA TO HIS FRIENDS
 Professor Calista Braganza, Hindu Scientist, 634 King Street West, informs his friends and the public that he has crossed the ocean for the first time, which was before him for a few days, and the plaintiff could not swim against the tide.

DIMPLES, BLACKHEADS, OILY SKINS eradicated by our method. Diewell, 104 King West.

SEND YOUR FRIENDS THE SEMI-WEEK-ly Times. All Hamilton and surrounding country news. \$1.00 per annum to any place in Canada or Great Britain.

ROOMS TO LET
LARGE ROOM, OPPOSITE TERMINAL station, suitable for billiard club, society room, etc. Phone to 1825.

DANCING
BEGINNERS' CLASSES FORMING. J. J. Hackett's, 29 Barton Street East. Telephone 1548.

OSTEOPATHY.
DR. LEWIS HAS REMOVED TO 172 MAIN Street East. Phone 2724.

MEDICAL
DR. PRYSE PARK, SURGEON OF EYE, ear, nose and throat, has removed to 104 James Street South. Office hours—9 to 11 a. m., 2 to 4 p. m., 7 to 8 p. m. Telephone 1271.

J. OHN P. MORTON, M. D., F. R. C. S., "Edin." James Street South. Office hours—9 to 11 a. m., 2 to 4 p. m., 7 to 8 p. m. Telephone 1512.

T. SHANNON MCGILLIVRAY, M. D., 154 James Street South. SPECIALTY—NERVOUS DISEASES. Office hours—From 1 to 4 p. m., from 6 to 8 p. m.

FRANK D. W. BATES, M. D., EYE, EAR, nose and throat specialist, has removed his office to room 405 Bank of Hamilton Building. Hours 9 to 12 and 2 to 5. Telephone 724. Dr. Bates has opened an office in Detroit from now on will spend from the 1st to the 22nd of each month in his office here, and from the 23rd to the end of the month in Detroit.

A. E. WICKINS, M. D., HOMOEOPATHIST, Corner Duke and Park Streets.

DR. McEDWARDS, SPECIALIST, Eye, ear, nose and throat, corner King and Bay Streets. Office hours—9 to 12 a. m., 2 to 4 p. m., 7 to 8 p. m. Telephone 529.

DR. DEAN, SPECIALIST, DISEASES OF men, 25 Charlton Street, Toronto.

PHOTO SUPPLIES
TRY OUR NEW ENGLISH GAS LIGHT paper and post cards, 2 dozen for 25c. Seymour, 7 John Street North. Phone 520.

LEGAL
BELL & PRINGLE, BARRISTERS, solicitors, 401 King Street, Federal Life Building, fourth floor, James and McClelland. Money to lend in large and small amounts at lowest rates. Wm. Bell, R. A. Pringle.

HENRY CARPENTER, BARRISTER, SO-licitor, etc. Money to loan on real estate at lowest current rates. Offices, Room 41, Federal Life Building.

WILLIAM H. WARDROP, K. C., BAR-rister, solicitor, notary public. Office, Federal Life Building. Money to loan at lowest rates of interest.

HARRY D. PETRIE, BARRISTER, ETC. Office, Spectator Building. Money loaned on first class real estate security.

C. LEMON, BARRISTER, ATTORNEY at law. Office, No. 234, Hughson Street South N. B.—Money to loan on real estate.

GUNSMITH.
GORDON THE GUN-MAN—OPP. CITY Hall. Fine repairing, models, experimental work.

MILLINERY
M. ADAM HUNTING, CHEAPEST MIL-linery in Hamilton. 8 York Street.

PIANO TUNING
RAYMOND, PIANOFORTE TUNER and repairer, from John Broadwood & Sons, London, Eng. Send orders to 126 West Street North. Phone 102.

TOBACCO STORE
J. L. ANDERSON, TOBACCO, CIGARS, pipes, billiard parlor. 231 York Street.

Advertise your Wants in the Times. 10 cents will do the trick.

LOST AND FOUND
LOST—A LARGE BLACK HAND SAT-chel, containing money, glasses, etc. Reward Dr. Davey, Day and King Streets.

LOST—CHRISTMAS MORNING, ON Westwood, Main or Emerald streets, envelope containing a pin. Finder suitably rewarded on leaving at this office.

FOR SALE
FOR SALE—SNAP IN HIGH GRADE property, nearly new; owner leaving the city. Terms—Cash or on easy payments if desired. Apply 17 Mulberry Street.

A NUMBER OF SLIGHTLY USED MA-chines of different kinds, from \$10 to \$25. Cyrus Stewart, 188 King Street East.

FOR SALE—INVALID'S CHAIR, ALMOST new. Apply evenings, 118 Calbarine St.

LARGE STOCK OF HOCKEY SKATES and shoes on sale at Westwood's Cycle store, James Street North, next to the Armory.

WHILE THEY LAST—POTATOES, 75c bag; onions, \$1.00 bag; beans, 50c bushel; carrots, 40c bushel; parsnips, 50c bushel; turnips, 40c bushel. Day and Market and 129 Bay North. Phone 2696.

FOR SALE—EGG, STOVE, NUT AND PEA-standard coal from Lehigh Valley Coal Company's mines. Try us. Peregrine Coal Co., Ltd.

BARGAIN IN PLAYER PIANO—ALL LAT-est improvements; regular price \$100. \$50; suitable terms; latest music rolls. T. J. Meike, 27 1/2 John Street, near Post Office.

BIKES—CASH OR ON EASY PAY-ments. 267 King East. Phone 2483.

QUARTER CORD DRY MIXED WOOD for \$1.50. Kelley's Wood Yard; also car-cast cleaning, corner Cathcart and Cannon Streets.

TO LET
T. H. HERRICK, 252 MAIN WEST, 185 BAY South, several furnished houses in the city. John M. Burns, real estate and insurance, 29 King East.

TO RENT—FURNISHED MODERN HOME, 294 Park South. W. G. Smart, 191 Barton Street.

REAL ESTATE FOR SALE
FOR SALE—ON NORTH SIDE OF BAR-rington, between Westinghouse and Milton Avenue, fine business site; 26 ft. frontage by 107 ft. deep; frame building on rear of lot; a bargain for cash. Apply owner, R. McMaster, 215 Westwood Street North.

FOR SALE—FARM CONTAINING ONE hundred and ten acres in the township of Ancaster, two miles west of the village on the Jerseyville road, the south half of lot thirty-six, concession three; brick cottage, frame barn, all well watered. Edward E. Smith.

CALL ON W. A. STEVENS, YORK AND Dundas, see plan of modern brick houses. Complet. for \$1,000.

FUEL FOR SALE
FOR SALE, CHOICE KINDLING WOOD, best in city. Ontario Box Co., 106 Main Street.

MONEY TO LOAN
MONEY TO LOAN ON BUILDING AND other loans, first mortgages, real estate, Martin & Martin, Federal Life Building.

MONEY TO LOAN AT LOWEST RATES of interest on real estate security in sums to borrowers. No commission charged. Auld's Laster & Laster, Spectator Building.

BUSINESS CARDS
COAL BAGS, YARD SCREENS, COAL chutes, car movers, shovels, coke bakers, etc. Robt. Soper, Hamilton.

HILL THE MOVER WILL SAVE YOU money shipping goods for distant points; consult him; estimates and information free. Vine Street.

AMMUNITION AND EXPERT GUN RE-pairing and reloading. H. J. W. Westwood Cycle Works, 178 James Street North.

PHONE 767 FOR A MERCHANT EXPRESS wagon to move that trunk or furniture.

DROP A CARD TO T. R. ELLIS, 8 COL-umbia Avenue, and have your furrows repaired.

GET THE BEST—THE SEMI-WEEKLY Times. \$1.00 per annum in Canada or Great Britain.

THE JOBBING TRANSFER AND FUR-niture moving vans; pianos moved; distance no object; packing, crating or storage; tenting sheds or double. Terms for moving van, \$1.00 per hour for two men; 75c for one man. Estimates free. Edwin Johnson, prop. Telephone 3023. 545 Hughson Street North.

SEE MISS PARGETER'S FINE STOCK OF hats; one glance will convince you. Finest French, German and English goods; also the latest styles in hats, including transformation bangs, jennice curls, wavy switches, pompadour fronts. Headquarters for theatrical wigs, etc. Remember the place, 107 King Street West, above Park.

DENTAL
DR. CLAPPISON, DENTIST, ROOM 40, Federal Life Bldg. Phone 2014.

DR. J. L. KAPPEL, DENTIST, ROOM 25, Federal Life Building. Phone 3007.

DR. H. M. MORROW, DENTIST, 624 King Street West. Successor to Dr. Burr, Phone 1047.

REMOVAL—DR. BRIGGS, DENTIST, HAS removed his office from 29 King Street West to cor. King and West Avenue. Telephone 2296.

DR. M. F. BINKLEY, DENTIST, PRICES that appeal to the working classes. ARTIFICIAL TEETH receiving special consideration. MATERIAL AND WORKMANSHIP no better to be had at any price. Office 174 King Street East, Hamilton.

PATENTS
PATENTS—TRADE MARKS, DE-signs, etc., procured in all countries. John H. Hendry, corner James and Rebecca Streets. Established 1850.

PATENTS—SEND FOR FREE BOOKLET on Patents. Ben B. Pannett, Ottawa, Ont., near Patent Office.

JEWELRY
COLD FILLED WALTHAM WATCHES. \$1.00; seven fifty; alarm clock, eighty-five cents; guaranteed. Peckler, 213 King East.

UMBRELLAS
UMBRELLAS MADE TO ORDER, RE-covered and repaired at Slater's, 9 King William.

Synopsis of Canadian North-west Land Regulations.

ANY person who is the sole head of a family, or any male over 25 years of age, may homestead a quarter-section of available Dominion land in Manitoba, Saskatchewan or Alberta. The applicant must appear in person at the Dominion Lands Agency or sub-Agency of the district. Entry by proxy may be made at any agency on certain conditions, by father, mother, son, daughter, brother or sister of intending homesteader.

Duties—Six months' residence upon and cultivation of the land in each of three years. A homesteader may live within nine miles of his homestead on a farm of at least 80 acres, solely owned and occupied by him or by his father, mother, son, daughter, brother or sister.

In certain conditions a homesteader in good standing may pre-empt a quarter-section alongside his homestead. Price \$2.00 per acre. Duties—Must reside six months in each of six years from date of homestead entry (including the time required to earn homestead patent) and cultivate fifty acres extra. A homesteader who has exhausted the homestead right and cannot obtain a pre-emption may take a purchased homestead in certain districts. Price \$3.00 per acre. Duties—Must reside six months in each of three years, cultivate fifty acres and erect a house worth \$200.00.

W. W. CORY, Deputy of the Minister of the Interior, N. B.—Unauthorized publication of this advertisement will not be tolerated.

Show Cases, Counters, Desks
 Buy of the Manufacturers
NEWBIGGING CABINET CO., Ltd.
 184 King West. Phone 961.

READ THE TIMES
 IF YOU WANT THE NEWS
TELEPHONE 368

INSURANCE
F. W. CATES & BRO.
 DISTRICT AGENTS.
Royal Insurance Co.
 Assets, including Capital \$45,000,000
 OFFICE—Room 402, Bank of Hamilton Building.

WESTERN ASSURANCE CO.
 FIRE AND MARINE
 Phone 2584
W. O. TIDSWELL, Agent
 75 James Street South

THE LIVERPOOL, LONDON & GLOBE
 INSURANCE COMPANY
 CREAR & BURKHOLDER,
 42 Federal Building,
 Phone 610. House 278.

Times' Ads
 Bring Results
 Call for letters in boxes
 4, 9, 11, 17, 18, 22, 23, 32, 37.

LIVERY
MCKAY'S CAB, COUPE, LIVERY AND Boarding Stable, Jackson and MacNair, Care at all calls. Phone 60.

PHOTO PILLOW TOPS.
PURCHASING EVIDENCES ON BILL-board tops only \$1.50. Satisfaction guaranteed. Brenton Bros., 7 Market Street.

PICTURE FRAMING.
LARGE ASSORTMENT OF FRAMED pictures, suitable for Xmas presents; also a very choice line of Xmas cards, calendars and booklets. Sit's, James Street North, adjoining Drill Hall.

Sheffield
 Mr. and Mrs. W. Lemon, of Waterdown, and Mr. and Mrs. C. Weaver, of Lynden, spent Christmas at Mr. Jer. Cornell's.
 Mr. and Mrs. Cowan, of Windsor, are spending the holidays with relatives here.
 Miss Hilda Witham, of Buffalo, is visiting friends here.
 Mr. and Mrs. J. Drone, of Brantford, spent Christmas at Mr. S. Grummett's.
 Wilbur Culham spent Christmas with his brother in London.
 Miss Eliza Misener, of Galt, spent Sunday in the village.
 Mr. Johnston and family spent Christmas with relatives in Waterdown.
 Miss Crawford is spending the holidays at her home in Brantford.
 Mr. and Mrs. Earl Bond spent Christmas with relatives in Galt.
 Miss Alice Wales, of Milton, is visiting her sister, Mrs. Henry Whitham.
 Mr. and Mrs. S. Main, of Brantford, are visiting relatives here.
 Mr. and Mrs. D. Smith spent Christmas in St. George.
 Miss Ethel Robb, of Moorefield, is the guest of her cousin, Miss Nellie Scott.
 Mrs. Mathers, of Brantford, spent the holiday with relatives here.
 Mr. Simpson and family spent Christmas at F. Tutton's.

A Bright Store

Is the best advertisement possible for every merchant. Probably you have often thought that yours is bright. But is it? Did you ever compare it with one lighted by our new Inverted Gas Arcs? Ever think that you could have the same style arcs put up in your store FREE? Our expert will call and explain the saving it would mean in your monthly lighting. Phone 89.

Hamilton Gas Light Co.

THE FARM
 CHILLED MEAT TRADE.
 (From The Farm.)

There never was a better time for Canada to get into the chilled meat trade than right now. The past season's trading has shown that good cattle can be produced in this country. The high quality of many of the cattle marketed at Toronto and elsewhere has been a surprise to the several big American firms who have entered the Canadian market the past season for the first time. The export market has been active, prices have ruled high, and the cattle raiser, who has had good cattle to sell, has made big money. This will stimulate others to get into the cattle-raising business. But the business cannot be extended on a large scale on an export trade in live cattle alone. There must be something in addition to steady the market. That something is a chilled meat trade established on a large enough scale to make it worth while. No part of the country would be benefited more than the West. What Dr. Rutherford had to say in last week's issue on this point has much force. Let some contagious disease break out in Canada, in even a very small way, and the export trade in live cattle would receive a body blow. Immediately Canadian cattle would be shut out of Great Britain altogether. While such a disaster may never come our way, yet it is well to be prepared. But this is not the only or chief reason for a chilled meat trade. It would steady the market and afford an outlet, more particularly for Western cattle, that would make beef raising in the West a profitable business. INCREASE THE SIZE OF THE DRAFT HORSE.

The showing made by Canadian-bred draft horses, at Guelph, indicates that out-breeders are getting the quality side of their business down to a science. What they should turn their attention to now is size. Keep up the quality, but get more size. If there is one fault more than another to be found with the average draft horse in Canada, it is that it is lacking in size. It is the big horse that tops the commercial horse market at the present time. If he has size and weight the buyer will overlook many other faults. But there is no reason why size and quality cannot be had in one and the same animal. The market and Canadian horsemen should be to secure both. They know the quality side of the business pretty well. Let them now get to work on increasing the size. It will pay. The demand for breeding stock will be increased and the draft horse, when sold in a commercial way, will bring more money. Add a couple more hundred pounds to the average Canadian draft horse and he cannot be beaten anywhere else in the world.

Leut.-Gov. Gibson formally opened the new building of the Royal College of Dental Surgeons at the corner of Huron and College streets, Toronto, yesterday afternoon in the presence of a distinguished gathering of university professors, members of the dental and medical professions and friends of the college, among which were quite a number of ladies. His honor referred briefly to the superior class of practitioners of to-day compared to those of the early days of the college.

Mrs. H. Lyburner is away on a Christmas visit with her daughter, Mrs. Vannatter, of Ballinafard, Ont.

According to the Montreal Herald, there are 4,800 cases of typhoid fever in the city. The authorities estimate is about 2,200. There were 31 new cases reported in one hour yesterday morning, and the City Council to-morrow will be asked to vote \$40,000 for a temporary hospital to accommodate patients.

Attercliffe
 Lots of Christmas visitors in town this week.
 A good Christmas sermon on Sunday morning.
 Cut rates on a new lot of marriage licenses the next thirty days, J. K. Tisdale.
 Any quantity of flour and mill feed at the new chopping mill in the village.
 Lemon Randall and wife are making a Christmas visit with Mr. and Mrs. Appleford, Tyrell, Ont.
 John E. and Mrs. Tisdale are making a short visit with friends in Welland and Brantford.
 Mr. William Gilmore, of Buffalo, and sister, Agnes, of Utica, N. Y., are spending their holidays with their parents and other friends here.
 All are looking for a hot time in the old township on Monday. Mr. W. J. Grant, of Caistorville, and Mr. Thomas Leslie, of Caistor Centre, are the new aspirants for municipal honors, and Mr. John Young, of Abingdon, for Reeve.
 Messrs. Robert and Frank Theiler, of Buffalo, have returned after a short visit with Mr. and Mrs. Theiler, sen., here.

Three Good New Year's Resolutions

Christmas is over, and a new year is knocking at our doors? You have untied the last red ribbon and said your happy thanks for the last belated gift. I hope my dear Miss Business Girl, as you look at the array of things which family and friends have given you that you'll take this thought to yourself and give it your most careful consideration. It is this:

Christmas brought you many gifts from others. What the new year gives you will depend on yourself.

Personally, I hope that the new year will bring you all better positions and more money—but even while I wish you this I know it is only a wish. It will only bring those most desirable things to the girls who have worked the hardest and most conscientiously during the year, who have been neat in appearance and have not slighted their work; who have been pleasant and tactful even when it was natural to be exasperated and sharp; who have held their employers' affairs to be a matter of trust and confidence not to be violated; and last of all, who have been working toward something a little more than just the getting of so many dollars a week for the return of the things which claimed her attention between 9 and 5 of every week day.

Here's the point—what are you working for?

What does your work bring you beside your salary?

Are you developing into a kinder, sweeter, more capable woman, or are you becoming more and more of a drudge who considers work a painful necessity for the time being—a sort of convenient raft to float you into matrimony, as it were.

WHAT OF THE OLD YEAR?

Look back into the past year and ask yourself honestly what 1909 has done for you. Has it brought you greater facility and pleasure in your work, or has it lowered you to the level of the drudge who works without interest or special intelligence? Has it broadened your sympathies and put you more into touch with the rest of the world, or has it made you hard and sour? On the answer to these questions depends your New Year's resolution for 1910.

In the first place, since you are a working woman, a little cog in the big machinery of the business world, make a good resolution about your work. Resolve to work more intelligently.

Now, this first resolution must be carried out with discretion. I don't mean that you should break in and bother the head of the firm whenever you don't understand some detail of the business. But I do mean that you should make a note of the things you don't understand, and at the most convenient moment get some light on it. Many times you can find out what you want to know by consulting the reference room of the nearest library. The librarians are always eager to help any one who is seriously looking for information.

If you work in any special direction study upon that subject. A girl who is employed by a firm who makes paint should read up on paints and methods of making them, and school herself into an intelligent idea of just the kind of thing she, as an employee, is helping to put on the market.

KNOWLEDGE INCREASES YOUR VALUE.

The girl in the store who is employed in the silk counter should read up on the different weaves and become familiar with the output of the various silk mills in the country and abroad. A knowledge of dyes and dyeing will help her, too, and this will lead her to the ever fascinating study of color. She will be of ten times as much value to her firm than if she sells silk at so much a yard and regards it as nothing else than the day's work.

But you say that you do not see the use in all this—result in an increase of salary, probably, but not in a bigger thing, and make a more intelligent girl of you. It will double your own interest in your work, and that is worth much to you. If you can by your own effort transform what you now consider drudgery into real interest to yourself, why you've done a miracle and practically made your life over.

If you are in a position where a foreign language might be of use to you—begin the year with lessons in it. It will open up a whole new world.

Now, here is the next resolution. Resolve to take care of your health. It's all very well to go out at night to the theatre and to dance. It's all well to eat cream puffs and ice cream soda for luncheon. You may be able to do it and not have your nerves and digestion give way. You may be able to wear low shoes in winter and yet not have pneumonia. But it's safer to take no chances.

ELAME ON OWN SHOULDERS.

Tell often the business girl who complains of how hard her work is creates the condition because she comes to the office or the shop or the factory tired and nervous from lack of sleep and improper food. I certainly don't want to keep girls from eating candy and other sweets occasionally, but if they knew what a wonderful help it was to their bodies to eat only nourishing food and chew it well and how much of a tonic and complexion beautifier it is to get a couple of hours sleep before midnight every night I know that the most other sweets of the world are not worth their good times for reasonable hours, and to eat things which didn't make them uncomfortable for hours afterward. I believe, too, that if girls realized how much of a drain on their vitality a bad cold is and how it prepares the system for all sorts of worse things there would be a boom in the sales of rain coats and storm rubbers.

And as a last word of this, Miss Business Girl, remember that it's a heap easier to take care of your health and keep it in good condition than to rebuild it after it has once been destroyed.

Now just one more new year's resolution. Resolve to be a more gracious woman. Now, my definition of a gracious woman is a woman who is kind to every one without being sentimental and gushing; who has good manners, a gentle voice, and quiet ways; who never wounds the feelings of another, yet who is afraid to voice her convictions when the question is one of principle; who never violates a confidence—no, not even with the caution, "Now, don't you ever tell!"

DEMAND FOR GRACIOUS WOMEN.

If there is any place in the world where gracious women are needed it is in business. It isn't always easy. Every girl in business must be on her guard against things which a woman at home never knows about or experiences. Most of all the business woman extending up to her guard against herself lest she slide into lax modes of work, more careless dress, freer and less careful speech. No one can make herself over in a day. But by a little watching, by a little care, gentleness, and kindness may become a part of character just as easily as rudeness and harshness.

I know that these three resolutions are difficult, but I know also that they are not impossible to carry out if one has determination and strength of mind. Take the easiest one first of all by all means and see how it goes. For the most of us that would be to take care of the health.

The other resolutions, which are for the mind and the spirit, are no less important. You need them, too, and you need them quite as much. I hope that when the end of 1910 is in sight you can look back and say that you have accomplished something in all three; that you are stronger in body; that your work has gone brilliantly, and that your nature is more womanly.

Remember, you have but this one life to live. You cannot live in the future or the past. You have only to experience one day at a time, and each day should bring you something of value. It cannot do this unless you make it so.

Don't be dismayed by the solemnity of that last paragraph. Miss Business Girl. You're the salt of the earth, my dear, and I wish you a wonderful and happy New Year.

Faithfully yours,
 Alice Mason.

THE EARTH'S ENVELOPE.
 Three Distinct Layers of Air—Cold and Gales of High Altitudes.

The new science of the air is the result of many hundred kite and sounding balloon flights made by day and by night in fair weather and foul, over land and sea, at all seasons of the year and from the equator to the Arctic Circle. Most people know that the warm air surrounding the earth is only a thin belt, but they know not most of us know that at ten miles above the earth it would appear quite different.

The air is stratified in three more or less distinct layers. In the lowest we live. It extends about two miles and is a region of turmoil, whirlwinds, cyclones and anti-cyclones. At two miles the freezing point is reached, and then there is a second stratum extending up to about another six miles. Here the air grows steadily colder and drier, the lowest temperature recorded being 167 degrees below freezing point. Here the air moves in great planetary swirls produced by the spinning of the earth on its axis, so that the wind always blows in the same easterly direction.

The greater the height the more furious is the blast of this relentless gale. After the layer comes the third or isothermal stratum, discovered almost simultaneously by M. de Bort and Dr. Assmann. This is called the permanent inversion stratum, because the temperature increases with the height reached. But the temperatures so far recorded in the second stratum are not high, being far below zero Fahrenheit, generally somewhere from 122 degrees to 140 degrees below it.

Here the air no longer swirls in a planetary circles. The wind may blow in a direction contrary to that in the second layer. And the air invariably is excessively dry. Where this third stratum ends no one knows. But it must be at more than eighteen miles above the earth. For sounding balloons have reached this height and have not found the end of the permanent inversion layer of air. When the influence of the upper regions of air upon the lower is fully understood it may be possible to foretell the weather not merely for a day but for a week.—From the Chicago Tribune.

Over a hundred applications have been received at the Marine Department's position in the proposed Canadian force. Included in the number are applications from several men who have served in the British navy and are now on the reserve.

The philosopher—I've noticed one thing in life. The Questioner—And that is—The Philosopher—The rich people talk poor and poor people talk rich.—Boston Record.

