

ONTARIO MUTUAL LIFE.

HEAD OFFICE:

WATERLOO, Ont.

ESTABLISHED 1870.

DOMINION DEPOSIT, - \$100,000

1870 { 21 YEARS' GROWTH } 1890

Year.	Income.	Assets.	Assurance in force
1870	\$9,698	\$6,216	\$521,650
1875	27,049	53,681	1,177,085
1880	82,326	227,424	3,064,884
1885	273,446	753,661	8,259,361
1890	489,858	1,711,686	13,710,800

1886 { A FEW FIGURES INTERESTING TO POLICY-HOLDERS. } 1890

Year.	Dividends paid to Policy holders.	Reserve for Security of Policy holders.	Surplus over all Liabilities.
1886	\$34,010	\$831,167	\$57,665
1887	34,849	1,004,706	61,535
1888	37,511	1,192,762	90,337
1889	42,361	1,366,218	95,155
1890	49,297	1,558,960	134,066

LIBERAL CONDITIONS OF POLICIES:

1. Guaranteed surrender values is cash or paid-up insurance.
2. One month's grace for payment of premiums.
3. No restriction on travel, residence, or occupation.
4. Policies indisputable after two years.
5. Lapsed policies may be revived within twelve months of lapse.

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"August Flower"

How does he feel?—He feels cranky, and is constantly experimenting, dieting himself, adopting strange notions, and changing the cooking, the dishes, the hours, and manner of his eating—August Flower the Remedy.

How does he feel?—He feels at times a gnawing, voracious, insatiable appetite, wholly unaccountable, unnatural and unhealthy.—August Flower the Remedy.

How does he feel?—He feels no desire to go to the table and a grumbling, fault-finding, over-nicety about what is set before him when he is there—August Flower the Remedy.

How does he feel?—He feels after a spell of this abnormal appetite an utter abhorrence, loathing, and detestation of food; as if a mouthful would kill him—August Flower the Remedy.

How does he feel?—He has irregular bowels and peculiar stools—August Flower the Remedy. ☉

SCIENTIFIC AND SANITARY.

A BUTTER extractor (or extractor separator), a new machine for making butter directly from fresh milk, is now being run regularly at the Pennsylvania Agricultural Experiment Station, on Mondays, Wednesdays, and Saturdays of each week.

THE *Pedagogical Seminary* says that in Darmstadt and other large German cities pot-plants are given to school children who live in tenements. They are usually three in number and of the same size, with printed directions how to care for them. At the end of a year are exhibitions and prizes.

ACCORDING to the latest observations which Dr. Finsterwalder has published, as stated in the *Scottish Geographical Magazine*, the region occupied by advancing glaciers is extending from west to east, and has lately crossed the limits of the eastern Alps. The glaciers in this region have been receding during the last thirty years, but now there is undeniable proof that those of the Ortler group, at any rate, are in a state of progression.

THE introduction of celluloid as a photographic material is certainly a great step in advance. Glass is fragile and heavy. Travelling photographers of all classes are not slow to appreciate the advantage of being able to make their negatives on a substance like celluloid, which precludes the risk of breakage if inadvertently dropped, as would of course happen with glass. The saving, both in weight and bulk, by the employment of celluloid is very considerable.—*Outing*.

WE learn from Dr. S. P. Langley, secretary, that there has been established as a department of the Smithsonian Institution a Physical Observatory, which has been furnished with specially designed apparatus for the prosecution of investigations in radiant energy and other departments of telluric and astrophysics. The communication of new memoirs bearing in any way on such researches is requested, and for them it is hoped that proper return can be made in due time.—*Scientific American*.

AN exchange points to the fact that the possibility of electricity being used as the motive power for railroads in the future is assuming an interesting condition. Stations may be located some forty or fifty miles apart, which will be run by large engines, and from recent tests it is found that an electric motor will mount a grade of more than fifty per cent. Not only on railroads but on ocean steamers will a new era be inaugurated when electricity is introduced, the advantage being a saving of expense, higher rate of speed, and the danger of accidents decreased.—*Canadian Electrical News*.

THE erygmatoroscope is an instrument designed by M. Trouve for examination of geological strata pierced by deep boring. The apparatus consists simply of a powerful electric incandescent lamp, inclosed in a cylindrical case, one of the curved sides of which serves as a reflector, while the other, made of thick glass, permits the illumination of the bore hole. An elliptical mirror, set at the bottom of the case, throws its images vertically upward through the open top of the case to the observer, who examines them with a powerful telescope. It is said the apparatus works satisfactorily "to a depth of 1,000 feet," and that the Portuguese Government supplied it to its Mozambique expedition.

A DIRECT observation of hail in the process of formation is recorded in the *Naturwissenschaftliche Rundschau* and noted in a recent number of *Nature*. In the afternoon of a squally day Professor Tosetti, looking eastwards through the window of a house (in northern Italy) which, with two others, inclosed a court, saw the rain which streamed down from the roof to the right, caught by a very cold wind from the north, and driven back and up in thick drops. Suddenly a south wind blew, and the drops, tossed about in all directions, were transformed into ice balls. When the south wind ceased, this transformation also ceased, but whenever the south wind recurred, the phenomenon was reproduced, and this was observed three or four times in ten minutes.

ELECTRICITY seems now to be coming into use in all directions. The newest American invention is one by which runaway horses are to be stopped by electric power. A button is attached to the seat of the buggy or trap, and a wire running along one of the shafts connects with the harness, and so with the bit in the horse's mouth. If the animal should start bolting the driver merely touches the button, which gives the bolter a shock which staggers him for the moment and brings him to a standstill. And now the news comes from Australia that on a large station recently electricity was employed for sheep-shearing, ten of the Wolseley machines being run by motors, with conspicuous ease and success. We shall be lighting our pipes and cigars with electric sparks next.

MR. A. O. HUME, C.B., who some years ago presented his large collection of Indian birds to the trustees of the British Museum, has now made another donation of great value to the same institution. It consists of a collection of nearly 300 heads of the horned game animals of India and Central Asia. During his long residence in India, Mr. Hume had exceptional opportunities for forming this collection, in which almost every specimen is distinguished by its perfect development, unusual size, or some other feature of interest to the naturalist and sportsman. Those who are interested in this collection should also inspect the fine specimens of wild sheep (Marco Polo's sheep and Argali), which are mounted and on exhibition in the Mammalia Gallery. They are the gift of Mr. St. G. Littledale, who obtained them on his recent expedition to the Pamir and the Altai Mountains.

YOU TAKE NO RISK in buying Hood's Sarsaparilla, for it is everywhere recognized as the standard building-up medicine and blood purifier. It has won its way to the front by its own intrinsic merit, and has the largest sale of any preparation of its kind. Any honest druggist will confirm this statement. If you decide to take Hood's Sarsaparilla, do not be induced to buy anything else instead. Be sure to get Hood's.

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EVERY tissue of the body, every nerve, bone and muscle is made stronger and more healthy by taking Hood's Sarsaparilla.

STAMMERING.

No impediment of the human voice has so completely baffled the efforts of educationists, and we might say the medical fraternity, as that of stammering. Among our many afflictions none is so tyrannical, holding the victim in abject slavery as this dreaded habit. Thousands of men, women and children in the world to-day are held by this tyrant—objects of both pity and ridicule. Numerous attempts have been made through artifice and trickery to overcome this impediment, but only the exception has been benefited, and even in such exceptions perfect restoration without subsequently adhering to some particular so called principle has been a failure. Some persons so afflicted have been improved by a course in elocution under some of our best masters, but even these have failed to effect a complete restoration, leaving the student in the same free condition that nature had intended. Not until the introduction of the Auto-Voce Method by Mr. Church, 249 Jarvis Street of this city, its originator, has a system ever been presented that, irrespective of all conditions, age, education, moral training and the like, proves effective in each individual case, a fact to which a number of persons in Toronto and elsewhere would only be too glad to testify.

That Tired Feeling

Whether caused by change of climate, season or life, by overwork or illness, is quickly overcome by

Hood's Sarsaparilla

Which purifies the blood, creates an appetite, and gives mental and bodily strength. It really

Makes the Weak Strong

A Skin of Beauty is a Joy Forever.

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Removes Tan, Pimples, Freckles, Moth-Patches, Rash and Skin diseases, and every blemish on beauty, and defies detection. On its virtues it has stood the test of 40 years; no other has, and is so harmless we taste it to be sure it is properly made. Accept no counterfeit of similar name. The distinguished Dr. L. A. Sayer,

said to a lady of the *hautton* (a patient): "As you ladies will use them, I recommend 'Gouraud's Cream' as the most *harmful* of all the *Skin preparations*." One bottle will last six months, using it every day. Also Poudre Subtile removes superfluous hair without injury to the skin. FRED T. HOPKINS, Proprietor, 37 Great Jones St., N.Y. For sale by all Druggists and Fancy Goods Dealers throughout the U. S., Canada and Europe. Beware of base imitations. \$1,000 reward for arrest and proof of anyone selling the same.

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