

frequently reported as Canadian, but the evidence is doubtful. *R. ovalis*, *R. brevicaulis* and *R. cardiophyllus* are referred to *R. rhomboideus*. *R. auricomus* does not belong to our flora, and *R. affinis*, here referred as a variety of it, is confined to the Arctic Sea, and the North West Hudson Bay Territories. Of *R. abortivus* two varieties (*pratensis* and *sylvaticus*) are described. *R. nivalis* was found by Dr. RAE at Repulse Bay, and the specimens agree with *sulphureus* of Solander. *R. cymbalaria* is a seashore plant. The numerous varieties of *R. multifidus* and *R. aquatilis* still require careful comparison in the living state with European forms. *R. digitatus*, is a Rocky Mountain plant, approaching *Ficaria* of Europe. *Trollius lazus* has not been recently found in Canada. *Aquilegia Canadensis* presents two forms, and abounds in Ontario, but becomes scarce eastward and northward; will probably be found in Annapolis, if anywhere in Nova Scotia. *A. brevistylis* is quite western, and does not come so far east as to enter the Province of Ontario. *A. vulgaris* on the other hand is confined to Nova Scotia, but is only an introduced plant, one of the Wild Flowers of England brought long years ago by the Duke of Kent, and now widely spread through the woods and along our railway banks and roadsides. *Delphinium exaltatum* is from the Youcon and Clear Water River, although in the States its distribution is decidedly southern. *D. azureum* is also from the Youcon; *D. consolida*, an introduced European plant, found at Prescott, and *D. Ajacis*, an excluded species, not permanently naturalized. *Aconitum delphinifolium* is kept distinct from *Napellus*, of which Dr. REEGL describes no fewer than forty varieties and forms, all named and classified. *A. semigaleatum*, not previously noticed as American, is referred as a distinct variety of *delphinifolium*; the specimens of both are from Governor McTAVISH. *A. Napellus* is merely a naturalized plant. *Cimicifuga* is confined to Cayuga, in the extreme south west of Canada, where it was found by Dr. MACLAGAN.—*Actæa rubra* is widely spread throughout the whole Dominion, but *A. alba* is south-western. *Hydrastis Canadensis* is confined to Ontario, and *Adonis* is excluded, as the specimens sent to Hooker from Labrador, 30 or 40 years ago, had no doubt sprung from seeds dropped there by accident, and the plant has not been heard of or seen since.

PUBLICATIONS RECEIVED.

The American Agriculturist, January, 1870. O. Judd & Co., 245 Broadway. \$1.50 per annum, A. C. This journal continues to take the lead of the American Rurals.

The Horticulturist. New York. Monthly, \$2.50 per annum. An excellent magazine for those who wish to obtain all the news of new fruits, vegetables and flowers.

The Gardener's Monthly. Edited by T. Meehan, Philadelphia. Our readers are familiar with the Monthly from the frequent extracts we give from its instructive pages.

The Christian Union. We have received the Christmas No. of this news-

paper, published by Ford & Co., 39 Park Row New York. It is strong in Stowe and Beecher contributions, but the reading is of a purer kind than has been recently associated with these names.

Good Health, a journal of Physical and Mental Culture. Boston, New England News Co. \$2 per annum. The articles in this journal are thoroughly scientific and well written. We have not seen in any medical work so good an account of skin parasites as appears in the January number.

The Church Herald. Weekly. Toronto. This comparatively new paper is conducted with much ability, and displays an amount of literary taste not common even in a Church paper. It is well adapted for family reading, and the Editors are evidently sensible men.

American Enterprise, published by the American Advertising Agency, 37 Park Row, New York.

The Dalhousie College Gazette. Dec. 27, 1869. This production of the Undergraduates and Students of Dalhousie College continues to improve. Contents: Ancient Speculation. Virtues and Vices of the Daily Press. Nil Desperandum. Donald Angus. Christmas! Railway Compliments. 'Old World Sketches.—Lecture Course. Rambles. A Poke at the Post Office. Advertisements.

Annual Catalogue of Vegetable and Agricultural Seeds, sold by J. M. Thorburn & Co., 15 John Street, New York.

Journal of New York State Agricultural Society.

Colonial Farmer, Fredericton, N.B.

The Abstainer, Halifax.

Report of the Commissioner of Agriculture for the year 1868. Washington, 1869. This valuable work will be reviewed at length, so soon as we can find room; so also will be the following:

Annual Report of the Board of Regents of the Smithsonian Institution, showing the operations, expenditures and condition of the Institution for the year 1868. Washington, 1869.

The American Stock Journal, Parkesburg, Chester Co., Pa., continues to maintain its character. \$1 per annum.

Report of the Commissioner of Agriculture for 1869. Washington. This is a brief Report, which will afterwards be referred to.

The Antiquity of Man in America.—By W. Gossip, Esq. Halifax, 1869.

On the Occurrence of Arctic and Western Plants in Continental Acadia. By G. F. Matthew, with corrections. St. John, N. B., 1869.

Notes on Tadousac Plants. By A. T. Drummond, B.A., LL.B.

Specimen sheets of Principal Dawson's *Class Book of Zoology* have been received, and give promise of a very useful work for students.

The Mississippi Agriculturist. Meridian, Miss., Jan. 1, 1870. This is a new agricultural monthly, which we have placed on our exchange list.

ADVERTISEMENTS!

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ONE farmer in every town can make a profit of \$500 per acre from a few acres of this grain next season by selling the seed to his neighbors. Every one who sees it growing will want seed. It will yield from two to three times as much as any other known variety, of better grain. W. L. Bishops, of Leroy, I. Y., writes that his yield from 9 acres was 1125 bushels, all sold at \$16 per bushel. M. Comstock, of Stanstead, Province of Quebec, reports a yield of 110 bushels to the acre. Thomas Goodsell, of Stanstead, says "the yield is tremendous, weight 40 lbs. per bushel." W. R. Ault, Antville, Ont., says "they are just the thing for our farmers, stand up well and no rust." They have taken first premiums at 41 State and County Fairs in the U. S. the past season, and are recommended by 21 farmers clubs. One bushel of seed to the acre is enough on fair ground, they spread astonishingly and choke themselves unless they have plenty of room.

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Halifax, N.S., June, 1868.