

the amainthus and lythopies form a kind of tie between stone and plants—the polypus unites plants to insects; the tube worm seems to lead to shells and reptiles; and the eel forms a passage from reptiles to fish; the anas nigra are a medium between fishes and birds; the bat and flying squirrel link birds to quadrupeds; and the monkey equally gives the hand to the quadruped and to man.—*Sci. Journal.*

**Editor's Notices, &c.**

**CANADA: Past, Present, and Future.** By W. H. Smith. Toronto: Thomas Maclear, 45 Yonge Street.—We have lying before us the fourth part of this useful publication which completes the first volume. The Map, containing the Counties of Lincoln, Haldimand, Welland, Wentworth and Halton, is as usual, neatly engraved, with the views of principal places distinctly laid down. The present part consists of an exceedingly well written introduction, setting forth the discovery of Canada, with an account of its subsequent condition and progress, both under the French and British, brought down to the present time. This forms a very appropriate and useful introduction to the work, and will be read with both pleasure and profit by the majority of subscribers. The present is a good opportunity for new subscribers to commence taking the work, as we learn from an advertisement that all surplus copies after the publication is completed, will be sent to England, where its circulation cannot fail to produce a favourable impression respecting Canada, as a field for emigration. It is, in short, a publication highly deserving an extensive patronage; and we would say to such of our readers as have not subscribed already, do so at once.

**STEPHENS' FARMERS' GUIDE.**—We have received through Mr. Rowsell, Bookseller of this city, the latest number of this valuable publication. The steel and wood engravings continue numerous and fully maintain their former high order of excellence, and Professor Norton's useful appendix to the same is completed in the 17th Number, which contains, also a very interesting preface from the able pen of Mr. Stephens. The enterprising Publishers, Messrs. Scott & Co., New York, have announced their intention of not exceeding the original charge for the work, viz: \$5; although it will contain 200 pages more than was originally contemplated. This act of good faith and liberality will be appreciated by a discerning public; and we trust that no farmer who is desirous of improving alike his head and fields, will not be without this systematic publication, the cheapest and most complete in the English or any other language.

**NOTICE.**

G. L. Morris's Great Sale of Improved Domestic Animals, takes place on the 24th inst., for further information see his advertisement in this paper. Catalogues can be obtained at this office or from Mr. Morris, if required to be sent by mail, the postage will be prepaid.

**THE PRIZE LIST** of the Provincial Agricultural Association for 1851, will appear in our next number. *Canada occupies an honourable position in the Great Industrial Exhibition of all Nations!* This fact should incite us to greater zeal and increased efforts in the great cause of industrial and social progress, that will

be tested at Brockville, in September next. There must be no looking back, *Onwards*, should ever continue our motto.

"**HINTS TO THE FARMERS** of Prince Edward Island," by Judge Peters, has been received, and shall be noticed in our next.

**AGRICUTURAL SEEDS.**

**JUST** received and for sale by the Subscribers.

- Blood Red Mangle Wurtzel,
- Yellow Turnip,
- Spring Vetches,
- Superior Sugar Beet, equal to Mangle Wurtzel for feeding cattle,
- Turnip Beet,
- White Belgium Field Carrot,
- Purple Top Sweed Carrot,
- Skirving do do
- Yellow Aberdeen do
- White Globe do
- do Flat do
- Early Stone do

—ALSO—

A general assortment of Fresh English Garden and Flower Seeds.

**ONION SEED.**

A few Barrels of FINE RED ONION SEED for sale by

LYMAN BROTHERS, & Co.

Toronto, Bpril 1st 1851.

**FLAX SEED.**

**100** BUSHELS FLAX SEED of a superior quality and cleaned expressly for agricultural purposes.

LYMAN BROTHERS, & Co.

**CANARY SEEDS.**

**25** BARRELS superior English Canary Seed.

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St. Lawrence Buildings,

Toronto, 1st May, 1851.

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**IMPORTANT TO FARMERS AND GARDENERS!**

**T**HE Subscriber is prepared to supply in any quantities to suit purchasers,

**GROUND BONE FOR**

**MANURE.**

It is quite unnecessary to state here the superior qualities of Ground Bone over any other kind of Manure, especially for turnips, as it is well known to all practical agriculturists.

PETER R. LAMB,

Near the Toronto Necropolis, East of Parliament Street N.B. All Orders or Communications left at Mr. T. Lailley's Clothing Store, King Street, or through the Post Office, will be punctually attended to.

April, 1851.

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