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ARTICLE I.—*On FOSSIL PLANTS from the DEVONIAN ROCKS of CANADA.* By J. W. DAWSON, LL.D., F.G.S., Principal of McGill College, Montreal. (From the Proceedings of the Geological Society of London.)

IN 1843-44, Sir W. E. Logan ascertained, and published in his Report* for the latter year, the occurrence of a series of beds of Devonian age in the Peninsula of Gaspé, Lower Canada, containing fossil plants, apparently of the lard, and some of them evidently *in situ*. Nothing was done toward the precise determination and description of these remains until 1856, when Sir William kindly permitted the writer of this paper to examine his collection, and to describe before the American Association for the Advancement of Science the most interesting specimen contained in it—a fossil trunk exhibiting a very remarkable and previously undescribed coniferous structure†. The other specimens in the collection were so fragmentary or obscure, that it was not deemed expedient to attempt their description before studying them (as all fossil plants should, when practicable, be studied) in the rocks in which they occur. With this view I visited Gaspé in the past

* Report of Progress of Canadian Geological Survey, 1844, p. 36, and Appendix.

† Proceedings of American Association, 1856, p. 174.