

strata occurring there. The lists of species and descriptions of the beds are given in the "Second report on the geology of a portion of the province of Quebec," which Mr. Walcott has recently reviewed in the American Journal of Science.

The probably Calciferous age of these strata, termed Lévis, has been proven by Mr. Billings on paleontological evidence. The abundance of graptolites and of certain well-marked zones of these in different portions of the series of Lévis strata, along with the recurrence of the conglomerate bands carefully mapped by Sir William Logan, enable the geologist to trace out the foldings and recurrence of strata at different points. The occurrence of large cephalopods in pebbles of the conglomerate, besides the Cambrian forms which many of these hold, is a point worthy of closer scrutiny.

The following is a list of species collected by Dr. Ellis, Mr. Giroux and the writer at Lévis, all obtained from definitely located places:

GRAPTOLITIDÆ.

<i>Nemagraptus capillaris</i> (?);	<i>Loganograptus loguni</i> ;
" sp. und.;	<i>Clonograptus rigidus</i> ;
<i>Didymograptus bifidus</i> ;	" <i>flexilis</i> ;
" <i>constrictus</i> ;	" sp. und.;
" <i>extensus</i> ;	<i>Goniograptus thureani</i>
" <i>furcillatus</i> ;	var. <i>selwyni</i> ;
" <i>pennatulus</i> ;	<i>Diplograptus dentatus</i> , Bgt.
" sp. und.;	(= <i>D. pristiniiformis</i> , H.);
<i>Tetragraptus approximatus</i> ;	<i>Diplograptus</i> (?) <i>tricornis</i> ;
" <i>caduceus</i> , Salter	<i>Phyllograptus anna</i> ;
(= <i>T. bigsbyi</i> , Hall);	" <i>angustifolius</i> ;
" <i>denticulatus</i> ;	" <i>typus</i> ;
" <i>fruticosus</i> ;	<i>Trigonograptus ensiformis</i> ;
" <i>headi</i> ;	<i>Ptilograptus plumosus</i> ;
" <i>hicksi</i> ;	<i>Dictyograptus irregularis</i> ;
" <i>quadribrachiatus</i> ;	" sp. nov.
" <i>serra</i>	(= <i>D. delicatula</i> , Dawson);
(= <i>T. bryonoides</i>);	" sp. (cf. <i>D. homfrayi</i>);
<i>Dichograptus octobrachiatus</i> ;	" sp. und.;
" <i>richardsoni</i> ;	
" <i>ramulus</i> ;	

BRACHIOPODA.

<i>Lingula quebecensis</i> ;	<i>Leptobolus</i> (?), sp. und.;
" <i>irene</i> ;	<i>Linnarssonia</i> , sp. und.;
" sp. nov.;	<i>Siphonotreta</i> (?) <i>micula</i> ;
" sp. und.;	<i>Orthis</i> , sp. und.;
<i>Elkania desiderata</i> ;	<i>Shumardina granulosa</i> .