

K9d Shale including in the middle a 6 inch limestone stratum and at intervals a thin chert band..... 3 feet, 3 inches

40 Dalmanella subcarinata Hall	52 Meristella laevis (<i>Vanuxem</i>) c
41 Delthyris perlamellosa Hall R	83 Spirifer macropleura (<i>Conrad</i>) c
43 Eatonia singularis (<i>Vanuxem</i>)	95 Trematospira multistriata Hall r
47 Leptaena rhomboidalis (<i>Wilck- ens</i>)	117 Platyceras cf. gibbosum Hall R
50 Lingula sp.	123 P. sp. R

K10 A dark gray, calcareous shale. Lower New Scotland 2 feet, 8 inches

40 Dalmanella subcarinata Hall	113 Diaphorostoma ventricosum (<i>Conrad</i>) R
47 Leptaena rhomboidalis (<i>Wilck- ens</i>)	140 Phacops logani Hall R
83 Spirifer macropleura Conrad R	

K11 Strata concealed. Lower New Scotland..... 12½ feet

K12 A dark blue, much cleaved shale, which weathers to a brownish yellow clay. Upper New Scotland..... 42 feet

K12a Comprises the lower..... 28 feet

The following fossils were found here:

24 Atrypina imbricata Hall c	52 Meristella laevis (<i>Vanuxem</i>) c
33 Coelospira concava Hall r	63 Pholidops ovata Hall r
40 Dalmanella subcarinata Hall	64 Rensselaeria cf. aequiradiata (<i>Conrad</i>)
41 Delthyris perlamellosa Hall R	82 Spirifer cyclopterus Hall r
42 Eatonia medialis (<i>Vanuxem</i>) r	83 S. macropleura (<i>Conrad</i>) R
43 E. singularis (<i>Vanuxem</i>) R	88 Stropheodonta becki Hall
47 Leptaena rhomboidalis (<i>Wilck- ens</i>)	92 Strophonella headleyana Hall
50 Lingula sp. c	

The Lingulas occur in calcareous, phosphatic, clay nodules. No manganese was detected in the nodules. Hall¹ notes the occurrence of the nodules and their "uniformly elongated oval or ovoid form" in the New Scotland in Albany county, N. Y.

K12b Comprises the upper..... 14 feet

33 Coelospira concava Hall c	52 Meristella laevis (<i>Vanuxem</i>) r
40 Dalmanella subcarinata Hall	83 Spirifer macropleura (<i>Conrad</i>)
41 Delthyris perlamellosa? Hall R	127 Tentaculites elongatus Hall R
47 Leptaena rhomboidalis (<i>Wilck- ens</i>)	

¹ Pal. N. Y. 3:158.