

of the Cobleskill limestone close to the face of the quarry the following species were obtained.

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| 1 <i>Prismalophyllum inequalis</i> Hall                             | 8 <i>Rhynchonella</i> ? <i>lamellata</i> Hall         |
| 2 <i>Cyathophyllum</i> cf. <i>hydraulicum</i> Simpson               | 9 <i>Stropheodonta bipartita</i> Hall                 |
| 3 <i>Favosites helderbergiae</i> var. <i>praececedens</i> Schuchert | 10 <i>Whitfieldella nucleolata</i> Hall               |
| 4 <i>Atrypa reticularis</i> Linné                                   | 11 <i>Pleurotomaria</i> ? cf. <i>subdepressa</i> Hall |
| 5 <i>Camarotoechia litchfieldensis</i> Schuchert                    | 12 <i>Calymmene</i> cf. <i>pachydermatus</i> Barrett  |
| 6 <i>Leptaena rhomboidalis</i> Wilck.                               | 13 <i>Dalmanites</i> sp.                              |
| 7 <i>Orthothetes interstriatus</i> Hall                             | 14 <i>Leperditia</i> cf. <i>jonesi</i> Hall           |

At this locality specimens of *Leptaena rhomboidalis* are plentiful and unusually well preserved. At the top of the Cobleskill in the portion that is transitional into the Rondout there are found thin bands of limestones separated by shaly partings. The shaly layers weather to a drab color and are easily removed from the face of the quarry. These thin layers contain quite abundantly *Orthothetes interstriatus* Hall and *Leperditia scalaris* Jones. The limestone bands are crowded with *Whitfieldella sulcata* Van. and *Spirifer vanuxemi* Hall. *Orthothetes interstriatus* Hall and *Leperditia scalaris* Jones are also found in the limestone bands. In the Nearpass section south of Port Jervis at the top of the Cobleskill there are found similar limestone bands characterized by many *Beyrichias* of which there are several species. In the latter section in these limestone bands brachiopods are also found, but *Leperditia* has as yet not been observed.

Northeast from this outcrop the Cobleskill and Decker Ferry formations are obscured for about a mile, but the Decker Ferry formation is again seen on the farm of Mr Cuddeback just in rear of the house. The Rondout is shown a little higher up on the ledge and the Manlius and Coeymans limestones a short distance farther to the west. A short distance to the west of the house of Mr Case and north of the outcrop back of Mr Cudde-