

52. *Favosites hemispherica*, *Yandell & Shumard* (C. & H.)
53. " *turbinata*, *Billings* (C. & H.)
54. " *polymorpha*, *Goldfuss* (C.)
55. " *reticulata*, *De Blainville* (C.)
56. " *dubia*, *De Blainville* (C.)
57. " *cervicornis*, *De Blainville* (C.)
58. " *Chapmani*, *Nich.* (C.)
59. *Alveolites labiosa*, *Billings* (C.)
60. " *Rœmeri*, *Billings* (C. & H.)
61. " *cryptodens*, *Billings* (C.)
62. " *conferta*, *Nich.* (C.)
63. " (*Coenites*?) *distans*, *Nich.* (C.)
64. " *ramulosa*, *Nich.* (C.)
65. " *Billingsi*, *Nich.* (C.)
66. " *Selwynii*, *Nich.* (C.)
67. " *Go'dfussi*, *Billings* (H.)
68. " *Fischeri*, *Billings* (C. & H.)
69. " *frondosa*, *Nich.* (H.)
70. *Striatopora Linneana*, *Billings* (H.)
71. *Trachypora elegantula*, *Billings* (H.)
72. *Chætetes moniliformis*, *Nich.* (H.)
73. " *Barrandi*, *Nich.* (H.)
74. " *quadrangularis*, *Nich.* (H.)
75. *Callopora incrassata*, *Nich.* (C. & H.)
76. *Fistulipora Canadensis*, *Billings* (C. & H.)
77. *Michelinia convexa*, *D'Orbigny* (C.)

III. BRACHIOPODA.

The number of *Brachiopoda* in the Devonian Rocks of Western Ontario is very considerable, but good specimens are not obtainable in many parts of the Corniferous Limestone, and our collection of these fossils is not so complete as that of the Corals. On the other hand, the Brachiopods of the Hamilton Formation, though very rarely exhibiting the characters of the interior, usually occur in a state of beautiful preservation. Altogether, I have identified about forty-three species of *Brachiopoda* from the Devonian formations of Ontario; and these are distributed amongst eighteen genera, viz: *Strophomena*, *Streptorhynchus*, *Orthis*, *Chonetes*, *Productella*, *Spirifera*, *Cyrtina*, *Atrypa*, *Athyris*, *Leiorhynchus*, *Spirigera*, *Retzia*, *Amphigenia*, *Cælospira*, *Centronella*, *Lingula*, *Pholidops*, and *Crania*. A few of the species (such as *Strophomena rhomboidalis*, *Spirifera mucronata*, and *Atrypa reticularis*) are well known European forms; and others are nearly allied to European species, if not absolutely