

# ILLUSTRATIONS.

---

	<i>Page.</i>
PLATE I. <i>Spongiae</i> .....	227
II. <i>Spongiae</i> .....	231
III. <i>Spongiae</i> .....	235
IV. <i>Spongiae</i> .....	239
V. <i>Spongiae</i> .....	243
VI. <i>Spongiae</i> and <i>Echinodermata</i> .....	247
VII. <i>Brachiopoda</i> .....	251
VIII. <i>Brachiopoda</i> and <i>Crustacea</i> .....	255
IX. <i>Brachiopoda</i> .....	259
X. <i>Brachiopoda</i> .....	263
XI. <i>Brachiopoda</i> and <i>Hydrozoa</i> .....	267
XII. <i>Gasteropoda</i> and <i>Pteropoda</i> .....	271
XIII. <i>Pteropoda</i> .....	275
XIV. <i>Pteropoda</i> .....	279
XV. <i>Crustacea</i> .....	283
XVI. <i>Pœciliopoda</i> .....	287
XVII. <i>Pœciliopoda</i> .....	291
XVIII. <i>Pœciliopoda</i> .....	295
XIX. <i>Pœciliopoda</i> .....	299
XX. <i>Pœciliopoda</i> .....	303
XXI. <i>Pœciliopoda</i> .....	307
XXII. <i>Pœciliopoda</i> .....	311
XXIII. <i>Pœciliopoda</i> .....	315
XXIV. <i>Pœciliopoda</i> .....	319
XXV. <i>Pœciliopoda</i> .....	323
XXVI. <i>Pœciliopoda</i> .....	327
XXVII. <i>Pœciliopoda</i> .....	331
XXVIII. <i>Pœciliopoda</i> .....	335
XXIX. <i>Pœciliopoda</i> .....	339
XXX. <i>Pœciliopoda</i> .....	343
XXXI. <i>Pœciliopoda</i> .....	347
XXXII. <i>Pteropoda</i> .....	351
XXXIII. <i>Pteropoda</i> .....	355

FIG. 1. Section from Lake Champlain eastward across the town of Georgia, Franklin County, Vermont.....	16
2. Ideal section of the strata resting against the east side of the Adirondack Mountains, at the close of the deposition of the sediments of the Utica shale formation .....	25
3. Section of the Cambrian rocks of Prospect Mountain, Eureka District, Nevada .....	31
4. Section of the Cambrian rocks of the Wasatch Mountains, south of Big Cottonwood Cañon, Utah .....	37
5. Section of the Cambrian rocks of the Grand Cañon of the Colorado, Arizona .....	77
6. <i>Ethmophyllum Minganensis</i> (after Billings) .....	77
7. <i>Ethmophyllum Minganeusis</i> (enlargement of surface) .....	77
8. <i>Ethmophyllum Minganensis</i> (spiculæ, enlarged to 50 diameters) .....	77
9. <i>Obolella chromatica</i> .....	110
10. <i>Obolella chromatica</i> .....	110