

Ells's report for 1888, published in 1889. This species also resembles one from the limestones of the Beccaguimic, N.B., collected by Dr. Bailey.

12. *Lingulepis*, sp. With exceedingly fine radiating striae. Shell : ovate, elliptical, anterior margin rounded ; greatest breadth at about three-fourths distance from beak to anterior margin. Beak rather prominently pointed.

13. *Leptaena* (*Plectambonites*) *sericea*, Sowerby, sp. Two or three typical examples of this characteristic Trenton species occur in the collection from Mountain Hill. One form resembles the Hudson River or Lorraine variety, being large and quadrangular.

14. *Leptaena* (*Plectambonites*) sp. A diminutive form of *Leptaena* closely resembling *L. sericea*, but probably distinct also occurs in the collection.

15. *Strophomena Aurora*, Billings.

16. *Strophomena* (*Rafinesquina*) *alternata*, (Conrad, MS.) Emmons.

17. *Strophomena* (*Rafinesquina*), sp. nov.

18. *Strophomena* or *Leptenoid* shell, similar to the form occurring at the Montcalm market exposures. Probably new generic type.

19. *Orthis* (*Dalmanella*) *testudinaria*, Dalman.

20. *Orthis* (*Plectorthis*) *plicatella*, Hall. Probably the above species. The specimen is not sufficiently well preserved to state definitely. May be *Orthis* (*Dinorthis*) *pectinella*, Conrad.

21. *Orthambonites* ? sp

22. *Camereella* or *Anastrophia*, sp.

#### GASTEROPODA.

23. *Metoptoma*, sp. There appear to be two forms of this genus in the collection from Mountain Hill, one a comparatively large form the other much smaller. The smaller ones shows concentric zones. Beak in both eccentric pointing anteriorly.

24. *Murchisonia* ? sp.

#### CIRRIPEDA.

25. *Turritepas*, sp. nov. Several specimens of a species of Tur-