

FOSSIL REMAINS.

As it was remarked, before, the rocks of the quarry were very fossiliferous. On the occasion of the excursion of the O. F. N. C. quite a number of interesting forms were collected and the following succession of zones was noticed in the rocks forming the escarpment of the quarry in descending order.

- (1) Zone of *Leptaena sericea*, Sowerby.
- (2) Zone of *Streptelasma corniculum*, Hall.
- (3) Zone of *Prasopora Selwyni*, Nicholson.
- (4) Zone of *Endoceras proteiforme*, Hall.
- (5) Zone of *Tetradium fibratum*, Safford.
- (6) Zone of *Columnaria Halli*, Nicholson.

No less than sixteen species of fossils were collected at the quarries as follows :—

- 1. Crinoidal fragments.
- 2. *Tetradium fibratum*, Safford.
- 3. *Columnaria Halli*, Nicholson.
- 4. *Streptelasma corniculum*, Hall.
- 5. *Prasopora Selwyni*, Nicholson.
- 6. ?*Homotrypa similis*, Foord.
- 7. *Stictopora acuta*, Hall.
- 8. *Serpulites dissolutus*, Billings.
- 9. *Rafinesquina alternata*, Conrad.
- 10. *Orthis testudinaria*, Dalman.
- 11. " *tricenaria*, Conrad.
- 12. *Ctenodonta* sp. indt. cf. *C. abrupta*, B.
- 13. *Orthoceras* sp.
- 14. *Asaphus platycephalus*, Stokes.
- 15. *Endoceras proteiforme*, Hall.
- 16. *Calymene senaria*, Conrad.

Most of these were collected by the writer, determined by himself; they represent a part of the fauna entombed in the rocks which occupy the face of the quarry. The horizon here is precisely the same as that at Wright's new quarries, Hull, near the C. P. R. station of that town.