

Spirifer granulosus Conrad *mut. pluto* Clarke

- 5192 ⁸³⁷⁰₁ HYPOTYPE *Spirifer pluto* Clarke. United States geological survey bulletin 16. 1885. p.31.

Spirifer granulosus Conrad *mut. pluto* Loomis. New York state museum bulletin 69; annual report of the state paleontologist. 1903. pl.3, fig.7, 8.

Tully pyrite Canandaigua lake, N. Y.
D. D. Luther, coll.

Spirifer medialis Hall *mut. pygmaeus* Loomis

- 5193 ⁸³⁷¹₁ TYPE *Spirifer medialis* Hall *mut. pygmaeus* Loomis. New York state museum bulletin 69; annual report of the state paleontologist. 1903. p.902, pl.3, fig.9, 10.

Tully pyrite Canandaigua lake, N. Y.
D. D. Luther, coll.

Spirifer mucronatus Conrad *mut. hecate* Clarke

- 5194 ⁸³⁷²₁ HYPOTYPE *Leiorhynchus? hecate* Clarke. United States geological survey bulletin 16. 1885. p.31.

Spirifer mucronatus Conrad *mut. hecate* Clarke. New York state museum bulletin 69; annual report of the state paleontologist. 1903. pl.3, fig.13-15.

Tully pyrite Moscow, Livingston co. N. Y.
D. D. Luther, coll.

Spirifer pluto *see* *Spirifer granulosus mut. pluto*

Spirifer tullius Conrad *mut. belphegor* Clarke

- 5195 ⁸³⁷³₁ HYPOTYPE *Spirifer belphegor* Clarke. United States geological survey bulletin 16. 1885. p.30.

Spirifer tullius Conrad *mut. belphegor* Loomis. New York state museum bulletin 69; annual report of the state paleontologist. 1903. pl.3, fig.3, 4.

Tully pyrite Canandaigua lake, N. Y.
D. D. Luther, coll.

Spirifer vanuxemi Hall

- 5196 ⁸³⁷⁴₁ HYPOTYPE *Spirifer vanuxemi* Hall. Paleontology of New York. 1859. 3:198.

Grabau. New York state museum bulletin 69; annual report of the state paleontologist. 1903. p.1041, fig.5a.

Manlius limestone

Becraft mountain, Columbia co. N. Y.

A. W. Grabau, coll. 1902