quired for the parasites to rebuild their population is problem-
atic. Though the insect enemies of the boll weevil undoubtedly
control this cotton pest to a large degree, the exact extent of their
beneficial activities cannot be determined without the inaugura-
tion of a more extensive study of their population and dissemi-
nation.

NOTES ON UTAH COLEOPTERA

Geo. F. Knowlton
(Continued from Vol. XIV, No. 4, page 77)

Family CURCULIONIDAE

Rychites bicolor var. wickhami Ckll.
Logan, August 12, 1925 (Knowlton).

Ophryastes sulcirostris (Say)
Logan, 1923 (Knowlton).

Sitona hispidulus (Fab.)
Hooper, July 1929 (Knowlton); Logan, April 17, 1923 (Knowlton);
Salt Lake City, June 1928 (Knowlton); Tremonton, July 1925 (Knowlton).

Hypera punctata (Fab.)
Hooper, June 1928 (Pack and Knowlton); Logan, July 1929 (Knowl-
ton); Magna, August 1928 (Pack and Knowlton).

Phytonomus posticus (Cyll.)
Lewiston, May 23, 1923 (Knowlton); Logan, June 1923 (Knowlton).

Phyllotrox nubifer Lec.
Sardine Canyon, May 22, 1923 (Knowlton).

Balanimus uentis Csy.
On apple tree at Orem, August 21, 1929 (Pack).

Calandra granaria (L.)
Logan, September 7, 1929 (Pack).

Family SCOLYTIDAE

Scolytus rugulosus Ratz.
Orem, May 1927 (Pack); Provo, May 1927 (Pack).

Dendroctonus valens Lec.
Logan.