

otherwise this might be regarded as a second species. The beak is sulcate like *Otiorhynchus sulcatus*, but twice the length, and the scape of the antennæ scarcely reaches the eye. The elytral ornamentation of *sulcatus* is less noticeable and more pubescent like, and none of the tubercles of the thorax and elytra, which are much smaller, are perforate, those of the intervals being arranged in irregular clusters.

Conotrachelus naso Lec. I am not aware of a record of this species occurring in the Northern States. Last year and also the present I bred it from the fruit of *cratægus*—haws—as well as *C. posticus*. The species are very close and are best separated by the two yellowish white spots on the thorax of *naso*. *C. cratægi* is, however, the great haw worm next to the larvæ of the Lepidopterous *Grapholitha prunivora* Mels., which develops with, but a couple of weeks later, than the beetles.

DESCRIPTION OF THE LARVA OF DATANA MAJOR G. & R.

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Young larva.—Body dark reddish, inclining to black; otherwise as in the following stage.

Before last moult.—Body black or reddish black, with eight longitudinal clear white stripes, as broad as the intervening spaces or broader, with the exception of the dorsal space. Beneath are three partly obsolete white lines, two of them interrupted by the legs. The head and cervical shield all dark mahogany red, as are also the abdominal feet, the bases of the thoracic feet and two spots on segments 4, 5, 10 and 11. Thoracic feet black. The anal plates are black or dark mahogany red; sparsely distributed white hairs. Length about 30 m.m.

Mature larva.—Body black; stripes broken into a series of irregularly square or rectangular white spots. In the three upper rows on each side these spots occur two on each segment situated near the edges of the segment. The lower row consists of a spot before the spiracle, alternating with an elongated one overlapping on two segments, so that these spots nearly alternate with those of the upper rows. Head, cervical shield, anal plates, all feet (except thoracic) with their bases and two spots on segments 4, 5, 10 and 11, dark mahogany red. Below are a few white dots representing the usual stripes. Scattered whitish hairs. Length about 60 m.m.