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NOTES AND DESCRIPTIONS OF NORTH AMERICAN XYLOPHAGIDÆ AND STRATIOMYIDÆ.

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Xylophagus decorus, n. sp.

♀. Length 13 mm. Black, legs yellow. Front convex, but little shining, thinly brownish dusted. Antennæ black, the tip of first joint and the second more reddish brown; elongate, the first joint rather longer than the distance from the insertion to the ocelli. Proboscis black. Dorsum of thorax shining on the sides, in the middle with two broad brownish pollinose stripes, separated by a shining linear space. Pleuræ shining black. Abdomen blackish brown, shining. Legs, including the coxæ, reddish yellow, the tips of all the tarsi black. Wings nearly hyaline, a broad brownish band, near the middle, narrowed and evanescent posteriorly, the outer cross-veins clouded and the outer part of the wing cinereous.

One specimen, Washington Territory (H. K. Morrison). The abdomen probably varies in depth of color.

Xylophagus gracilis, n. sp.

♂, ♀. Length 9-10 mm. Black, legs light yellow. Front grayish dusted. Antennæ black, the third joint toward the base on the inside, yellowish; only a little longer than the head; first joint only about three times as long as the second, considerably shorter than the distance from the insertion to the ocelli. Thorax shining, the dorsum with two broad, narrowly separated, pollinose stripes; humeri and post-alar callosities obscurely yellowish. Halteres yellow. Abdomen shining black, white pubescent, rather slender and cylindrical in the male. Legs, including the coxæ, light yellow; outer end of all the femora, and the tip of hind tibiæ, lightly brownish; tip of the tarsi blackish. Wings hyaline, variegated on the outer half with brownish, the stigma narrowly brown.