

- b. Elytra entirely blue, green, violaceous, blackish or testaceous.
- c. Body never entirely black beneath.
- Elytra bright blue or green, thorax smooth; body beneath entirely pale. .18-.28 in. *gibbitarsa*, Say.
- Elytra violaceous or greenish-black, thorax more or less distinctly punctate, body beneath in great part dark, thorax yellowish with a large piceous space or M-like mark blackish. .16-.28 in. *trans*, Ill.
- cc. Body entirely black beneath, upper surface dull black, impunctate. .18-.22 in. *lugens*, Lec.
- bb. Elytra with pale margin, disk violaceous or bluish.
- Thorax and elytra coarsely and closely punctate. .20-.26 in. *thoracica*, Fabr.
- Thorax and elytra indistinctly punctured; elytra brilliant violaceous. .20-.24 in. *flavocyanca*, Cr.
- AA. Antennæ slender, equal to or greater than one-half the length of the body; front of head vertical; elytra with explanate margin.
- d. Elytra broadly oval, sides much arcuate, coarsely punctate; may be yellowish with indistinct vitta, or black with only the margin pale. .14-.20 in. *limbalis*, Mels.
- dd. Elytra with sides feebly arcuate or nearly parallel; yellowish, with indistinct brown spots and bands or with the disk entirely piceous.
- e. Thorax very coarsely punctured; elytra with a more or less evident costa extending from humeri to apex, yellowish with blackish spots which sometimes coalesce to form an X, behind which is an irregular transverse band. .14-.16 in. (fig. 5).... *sexmaculata*, Ill.
- ee. Thorax finely punctured or smooth.
- Head coarsely punctate, punctures closely placed; yellowish; elytra with base, suture, and often two spots on each, brown. .14-.16 in. *suturalis*, Fabr.
- Head sparsely punctate or nearly smooth; thorax often entirely yellow, or may be piceous with the margin pale; elytra piceous with yellow margin,



FIG. 5.