

*Iosus* on cherry, which shows a somewhat similar distribution of the larval mines, which emerge and diverge from one point of the mating-chamber ; but the main galleries are reduced to almost nothing, and the normal mine of this species, as figured by Ratzeburg, shows nothing of the kind.

Of course it is entirely possible that the species which constructed these mines is still living and doing similar work. If so, it is probably a northern species, and my object in publishing this account is to ask if any one in Canada can produce similar borings on juniper or some allied conifer, made by existing beetles. I have for years searched for such in vain, on every occasion which offered. The nearest approach to it that I can find is in the mines of *Phloeosinus dentatus* (Say), figured by Packard.

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#### NOTE ON DICERCA DIVARICATA, SAY.

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On the 12th of last June I observed a female of this species on a dead Maple. She was creeping down the tree, feeling the interstices of the bark with her ovipositor, but apparently without finding a suitable place, as no eggs were deposited so far as I could perceive. On the 19th, I observed another female, also on Maple. She was resting head downwards with the terminal segments of the abdomen slightly inclined, the ovipositor extended at a right angle with the body and placed in an old hole of some borer. She remained in this position for several minutes, the ovipositor being alternately dilated and contracted as if eggs were passing through. After she had gone away, I examined the place and found that, at a little distance from the surface, the hole was stopped with a smooth grayish substance. Not having a knife about me, I tried to remove it with a stalk of grass, but only succeeded in breaking it up into a yellowish fluid. I have no doubt that the creature deposited an egg, or eggs, and covered them with a kind of cement. Whether this is the usual manner in which the species oviposits I cannot say. The only reference that I have seen is in Packard's *Insects Injurious to Forest and Shade Trees*, where he says, speaking of insects attacking beech :—" Observed by Mr. George Hunt laying its eggs in the bark in July."