

In general appearance this species most nearly resembles *R. apicitrripunctella*, Clem., the larvæ of which are common on hemlock. *Coniferella* is smaller, the arrangement of spots different, and is a very much darker species.

*Recurvaria Gibsonella*, sp. nov.—Expanse, 11 mm.

Head opalescent-white, palpi whitish, clouded with light brown on inner sides of second joint, outer joint black, with a narrow white ring at base, a broader one in the middle and a tiny point of white at apex. Antennæ whitish, annulated with dark brown. Thorax whitish-yellow, overlaid with black and brown. Abdomen opalescent-white and brown. Legs yellowish-white, heavily ringed with black.

Fore wing white, shaded with yellowish on apex and crossed by three broad oblique dark brown bands. The inner from costa at base, continuing to below the fold, but not reaching dorsal margin. The second from inner third at costa, broadens at the middle and sends a long spur into the outer fascia. The outer begins on costa at outer fourth, and is the broadest of the three; it recurves inwardly to dorsum. The apex and outer margin are dark brown, enclosing an anti-marginal white spot, which is divided by a streak of dark scales. The usual tufts of raised scales occur on the dorsal half of the three dark fasciæ. Cilia yellowish-white, heavily overlaid with black.

Hind wing yellowish-gray, cilia the same.

Three specimens, bred from larvæ on *Juniperus communis*, by Mr. Arthur Gibson, Ottawa, Canada. Types in my collection, co-types in Dr. Fletcher's collection.

This species is not at all like the specimens I have bred from the same food-plant in New Jersey, and described in the Journal of the New York Entomological Society, September, 1903, but more nearly resembles the two species bred from Spruce and Arbor-vite.

*Recurvaria obscurella*, new name.—I propose this name in place of var. *nigra*, Jour. N. Y. Ent. Soc. XI., 1903, p. 156, as the latter is preoccupied.

*Symphysa simplicialis*, sp. nov.—Expanse, 11 to 15 mm.

Labial palpi upturned, second joint tufted in front, third joint acuminate; maxillary palpi short, filiform, both pale cream colour, the former clouded with brownish on outside of second and third joints. Tongue long, concealed by well-developed tufts of creamy-white scales.