color; the wings, with abundant dark pile; the venation is typical of *diplosis*. The first longitudinal vein, slightly separated from the costa, coalesces with it about its middle; the second, curving gently backwards, reaches the tip of the wing, where it joins the stout costa, which there becomes abruptly attenuated; the third forks about the middle, one branch bending abruptly to the outer margin, the other extending upwards and outwards, touching the margin where it bends slightly inwards. There is a rudimentary vein, springing from the base of the second longitudinal vein and running some distance upwards, about midway between it and the third. I have found no trace of a cross vein between the first and second longitudinal veins. The antennæ of the ♂ is 26-jointed, that of the ♀, 14-jointed; numerous specimens.

Torymus longior has the front of the head bright brassy, with purple reflections, with five longitudinal lines of short, stubby, pale spines; eyes, pale brown; scape of antennæ, pale; occiput, bright brassy green; thorax, dull brownish green, with brassy reflections; dorsum of prothorax, bright brassy green; abdomen, dark purplish blue, with bright brassy reflections; ovapositor, more than twice as long as body and head; middle and hind femoræ, very bright steel blue, much brighter than the abdomen; all the tibiæ, pale coppery brown; tarsi, pale; claws dark; numerous specimens.

Torymus helianthi has the head of uniform bright, metallic green; eyes, pale brown; scape of antennæ, pale; thorax and abdomen, bright metallic green, abdomen with steel blue reflections; ovapositor, about as long as abdomen; legs, pale straw color; hind tibiæ, pale brown; tarsi, pale, tipped with brown; numerous specimens.

On June 23, 1893, these galls were nearly full grown, of a greenish color, similar to the stem of the plant, and of an herbaceous texture. On July 27 they were mature, rigid and hard, and of a greenish purple color. This is the most common of the three helianthus galls found near Toronto.

<div align="right">WM. BRODIE.</div>