

## NEW CYNIPIDAE.

BY C. P. GILLETTE, FORT COLLINS, COLORADO.

## RHODITES, Hartig

R. AREFACTUS, *n. sp.*

The galls are dense, corky enlargements of small shoots, usually close to the stem from which the shoot arises, and the shoot is usually dead beyond the gall when the latter is mature. The galls are irregular in shape, vary from one-half to seven-eighths of an inch in diameter, and are polythalamous. The surface is of a rusty colour, is finely wrinkled, and reminds me of dried fruit. The surface appears dry and hard, but it is easily dented with the finger-nail and is always free from spines.

Described from eighteen galls collected in March in the vicinity of Fort Collins, Colorado. Galls brought into the laboratory March 7th, began giving flies March 23rd.

Gall-flies.—Females—General colour, cinnamon-rufous; head entirely rufous, except a blackish area between either compound eye and the mouth; under a power of 60 diameters the lower face appears rather coarsely wrinkled, the wrinkles converging towards the mouth, the upper face, vertex and occiput very finely rugose; the face sparsely set with a short gray pubescence; antennæ short, the first three joints, and sometimes the base of the third, rufous, the remaining joints black; number of joints, 14. *Thorax*, rufous above, with a black suture separating the mesothorax and scutellum, parapsidal grooves entire, broad, moderately deep, well separated at the scutellum, and with numerous elevated lines crossing them; median groove distinct and extending well forward. The surface of the thorax is finely rugose, and, in a proper light, shows numerous punctures, each puncture bearing a short yellowish hair. Scutellum, coarsely wrinkled near the margin, and less coarsely wrinkled on the central portion, which is considerably elevated, transverse groove at base, colour rufous. Mesopleura, except spot just beneath the wings, rufous, sutures, metathorax and sternum black or blackish; entire pleura rugose. *Abdomen* rufous, with venter and posterior half of dorsum blackish, all abdominal segments covered with a microscopic network of impressed lines, most prominent on the terminal segments. *Wings* but little smoky, radial area not at all closed along the costal margin, areolet distinct and rather small. *Feet*, including the coxæ, entirely rufous, the claws only being black. Length, from  $3\frac{1}{2}$  to  $4\frac{1}{2}$  mm.