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A NEW OAK-GALL.

BY T. D. A. COCKERELL, EAST LAS VEGAS, N. MEX.

*Dryophanta rydbergiana*, n. sp.—Gall: on leaf of *Quercus rydbergiana*, Ckll. (Torreya, Jan., 1903); solitary, 6 mm. diameter, spherical, faintly shiny, light ferruginous, with a microscopically tessellate surface and a scattered stellate pubescence; base concave, point of attachment small; contains a single large cell; the space between the cell and the exterior filled with spongy tissue, which is light green within and ferruginous outwardly.

_Fly_ (cut from gall): ♀.—Body 2½ mm. long, stout, jet black, smooth, neither punctured nor conspicuously hairy; mesothorax and scutellum with a few scattered hairs; front and vertex minutely tessellate; no frontal groove; middle ocellus somewhat depressed; face without carina; malar space long, wrinkled; flagellum black, 12-jointed, the last five joints (at least) longitudinally grooved; whole flagellum hairy; first flagellar joint about one-fourth longer than second; basal joints of antennæ dark red; the small first joint punctate; the second much swollen. Parapsidal grooves deep and strong, complete, converging posteriorly; scutellum large and swollen, longitudinally keeled, with a depression on each side anteriorly; anterior margin of scutellum raised into a sharp edge; posterior part coarsely cancellate. Metathoracic ridges very widely divergent caudad. Legs red; tarsi hairy; claws of posterior legs simple; wings hyaline, not spotted, but hairy; veins strongly marked with dark brown; marginal vein not quite attaining costa; areolet present. Ovipositor black, concealed; ventral spine red, covered with long ferruginous hairs.

_Hab._—Las Vegas Hot Springs, N. M., about 7,000 feet, March 21, 1903. The gall was on a leaf of last year, the leaves of *Q. rydbergiana* remaining on the bush, though turning brown.

This insect is placed in *Dryophanta*, because it seems on the whole to go there best, but it does not exactly agree with any described American genus. In Mayr's table, given by Cresson, it runs to *Biorhiza*, but it does not belong there. The gall is like that of *Amphibolips*.

August, 1903.