

segment 1, 37-45 μ long; segment 2, 37-39 μ long; segment 3, 28-40 μ long; segment 4, 28-34 μ long; segment 5, 22-31 μ long; segment 6, 22-34 μ long; segment 7, 73-84 μ long; legs, femur about 140 μ long; tibia, about 100 μ long; tarsus, about 70 μ long; derm bearing peculiar spear-shaped spines. This species does not resemble *D. Townsendi*, Ckll., as supposed by Maskell. It resembles *albizzia*, Mask., and *hymenoclea*, Ckll., in producing the blue-green pigment in potash, but is distinct from them in the secretion and anatomical characters.

Dactylopius Texensis, n. sp.

Specimens have been in alcohol since Dec., 1895. Adult ♀; length about 3 mm.; nearly as wide as long; shape rather sub-globular; colour light brown. I know nothing at present of the secretion. Epidermis bearing scattered, medium-sized hairs and numerous small glands; margins of body with areas of glands and stout conical spines. Antennæ of eight segments: segment 1 rather large, 53-59 μ long; segment 2 rather wide, tapering slightly toward the proximal end, length 48-51 μ ; segment 3 about three-fourths the width of 2, cylindrical, 52-62 μ long (the length of this segment may be either less than, equal to or greater than that of 1, they are often nearly sub-equal); segment 4 quite short, 20-28 μ long; segment 5, 28-37 μ long; segment 6, 25-31 μ long; segment 7, 31-39 μ long; segment 8 usually about 84 μ long. Among observed formulæ are: S_3I_2 (57) (46), S_3I_27564 , $8I_327$ (56) 4. The segments bear one or more whorls of medium-sized hairs.

Legs rather short and stout; femur about 182 μ long by 82 μ wide, bearing numerous medium-sized hairs; tibia, 132 μ long by 35 μ wide, bearing several rows of small hairs; tarsus 65 μ long; tarsal digitules long, slender, knobbed hairs; claw stout, 31 μ long; digitules of claw long, slender, knobbed. Mentum elongate. Anal lobes not conspicuous, bearing the usual long spine, and areas of cones, hairs and spinnerets. Since the specimens are alcoholic, we know nothing of the ovisac. Eggs unknown. Male unknown.

Hab.—On *Acacia Farnesiana*, Willd.; San Diego, Texas, Dec., 1895. U. S. D. A., Div. Ent., No. 6961.

Remarks.—This species resembles *D. Ryani* in antennal formula, but differs in having the antennæ smaller and the legs shorter and stouter. Resembles *D. dasylirii* in the general form of the antennæ, but differs in having segments 3 and 1 of antennæ usually longer than 2, and differs very much in the shape of the body.