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O. FUSIFORMIS, E. & B. l. c. : subprostrata ; radicibus elongato-fusiformibus ; articulis orbiculatis ; pulvillis setas elongatas virescenti-fuscas gerentibus, plerisque vel solum superioribus armatis ; aculeis 2-3 gracilibus albidis deflexis seu patentibus ; floribus minoribus ; stigmatibus 8 ; bacca ovata ; seminibus majusculis subregularibus.

Kansas and Nebraska, in the regions of the Cross-Timbers, from the Canadian to the Big Bend of the Missouri. — Roots elongated tubers $\frac{1}{2}$ - 1 inch in diameter ; joints about 3 - 4 inches long ; spines an inch or a little more in length, slenderer and paler than in *O. Rafinesquii*. Flowers 2 - $2\frac{1}{2}$ inches in diameter. Seed $2\frac{3}{4}$ lines wide. This plant has been distributed by me under the name of *Opuntia bulbosa*.

17. *O. FUSCO-ATRA*, E. in P. R. R. : diffusa ; articulis orbiculato-obovatis tuberculatis ; pulvillis subremotis magnis griseo-tomentosis, inferioribus solum inermibus ; setis numerosis robustis longiusculis fuscis ; aculeis subsingulis robustis fusco-atris suberectis, altero brevior deflexo sæpe adjecto ; floris flavi ovario conico pulvillos 12 - 18 fulvo-villosos et fusco-setosos gerente ; stigmatibus 5.

Sterile places in prairies, west of Houston, Texas : fl. May. — The stout brown, or above almost black spines, and the thick bunches of unusually stout brown bristles on the small joints, give this plant a very distinct appearance. Joints $2\frac{1}{2}$ - 3 inches long ; pulvilli 6 - 9 lines apart ; bristles 2 - 3 lines long ; spines 1 - $1\frac{1}{4}$ inches long, the lower one, when present, about half as long, but hardly less stout. Flower nearly 3 inches in diameter ; ovary an inch long, rather slender, its pulvilli covered with long grayish-brown wool, and the upper ones with a few bright-brown bristles.

18. *O. VULGARIS*, Mill. : diffusa, prostrata ; radice fibrosa ; articulis obovatis seu suborbiculatis crassis læte seu pallide viridibus plerumque inermibus ; foliis ovatis cuspidatis fere adpressis ; pulvillis subremotis parvis subimmersis setas paucas abbreviatis virescenti-stramineas gerentibus ; aculeis rarissimis singulis robustis variegatis suberectis ; alabastro subgloboso obtuso ; ovario clavato pulvillis sub-10 stipato ; petalis sub-8 ; stigmatibus 5 ; bacca obovata clavata ; seminibus regularibus crassis crasse marginatis.

From the southeastern coast of Massachusetts to Georgia and Florida ; apparently only in the low countries east and southeast of the Alleghany Mountains, generally not far from the sea-coast : fl. May and June. — Joints 2 - 4 inches long and 2 - $2\frac{1}{2}$ in diameter, rather thick and fleshy. Leaves 2 - $2\frac{1}{2}$ lines long, generally appressed, only in