

anthers of equal length; flowers protandrous, the ovary sunk in the disc; style rather slender, at first short, later elongated, stigma slightly bilobed. Fruit scanty.

*Pachystima Schaefferi*, sp. nov.

Twigs spreading as in *P. macrophyllum*, but the color and ridges approaching *P. Myrsinites*, the internodes very variable, from 2-10 mm. long, the leaves in one plane, shortly petiolate, the petioles slightly swollen, the bladdery swelling often prolonged into the midrib, lamina lanceolate to linear-lanceolate, the veins evident, in 6-7 pairs, intermediate in position between *P. Myrsinites* and *P. macrophyllum*, the margin blunt-toothed from the middle upwards, slightly thickened, not revolute, bright green above and below, translucent.

Flowers agreeably odorous, very numerous, in short clusters of 2-5, on slightly elongated branches; sepals and petals as in *P. macrophyllum*; stamens 4, inserted into a quadrate disc; filaments one and one-half to two times longer than anthers; style rather thin, stigma strongly bilobed.

*Pachystima Krautteri*, sp. nov.

Twigs elongate, closely spreading in one plane, grayish-brown, the internodes 9-11 mm. long, the leaves rather crowded, closely ascending in one plane, shortly petiolate, the petioles gradually attenuate into the midrib, lamina elliptic to elliptic-lanceolate, the veins evident below, obscure above, in 4-5 pairs, obliquely radiating, the margins strongly and sharply dentate in the upper half, thickened and revolute, bright yellowish-green, rather thick, almost opaque.

Flowers few, in clusters of 1-3, on short branches, sepals ovate-deltoid, midrib not discernible, the margins entire, or nearly so, petals not seen, stamens 4, disc as in *P. macrophyllum*, style rather slender, with slightly enlarged, faintly bilobed stigma. Fruit not seen.

The following new species were also collected during the summer of 1905. The type specimens of these, as well as of those of *Pachystima Schaefferi* and *P. Krautteri* are in the Herbarium of the University of Pennsylvania.