

tandrous. In all the forms the color of the flowers is similar, a brick red, but in *P. macrophyllum* it is rather deeper in shade than in the other species.

Following are descriptions not only of those species hitherto undescribed but also of *P. Myrsinites* and of *P. macrophyllum*.

*Pachystima Myrsinites*, sp. nov.

Twigs short, dense, radiate, sienna brown with 4 narrow dark ridges, the internodes 6-10 mm. long, the leaves densely and decussately spreading, nearly sessile or shortly petiolate, the petioles suddenly contracted beneath into the flat midrib, lamina sub-rotund to oval and elliptic, the veins very obscure in 3-4 pairs, radiating, the margin dentate, teeth not incurved, thickened and revolute below, thinning out above. yellowish-green above and below, thick, opaque.

Flowers odorless, very numerous, densely clustered in fascicles of 5-6, rarely 3-4, on arrested, bi-bracteolate branches springing from axils of foliage leaves; sepals broadly oval, the midrib faint or absent, apex rounded; petals oval to ovate, nearly as broad as long; stamens 4, inserted into a quadrate disc, filaments twice the length of the anthers; flowers slightly protandrous to gynodioecious; style short, thick, stigma rounded. Fruit scanty.

*Pachystima macrophyllum*, sp. nov.

Twigs elongate, loosely spreading in one plane, cinnamon brown, longitudinally 4-ridged, the ridges dark brown, the internodes 10-20, usually 15 mm. long, the leaves arranged in one plane and springing from between the stem ridges, shortly petiolate, the petioles gradually contracted into the leaf midrib, lamina oval-elliptic to oblanceolate, the veins evident, in six pairs, longitudinally oblique, the margin incurved-toothed from near the middle upwards, strongly thickened and revolute, glaucous green above, bright green below, translucent.

Flowers few, in fascicles of 2-3, sometimes 1, on short branches in axils of foliage leaves; sepals ovate, contracted at base, the midrib usually prominent, the margins slightly toothed, apex pointed; petals broadly ovate, twice longer than broad, finely but irregularly toothed along upper margins, apex rounded; stamens 4, inserted into a quadrately circular disc, filaments and