

PLATE 45.—CONNARUS PICKERINGII: in flower and in fruit. Fig. 1. A flower, enlarged. 2. A petal, more magnified. 3. Stamens and pistil, magnified. 4. Pistil, with the ovary divided longitudinally, to show the ovules, magnified. 5. An ovule, more magnified. 6. Seed, with a valve of the pod, of the natural size. 7. The embryo, of the natural size.

2. CONNARUS CYMOSUS, *Planch.*

Connarus cymosus, Planchon, Prodr. Connar. in Linnæa. 23, p. 430.

HAB. Brazil, in the Organ Mountains, near Rio Janeiro. (In flower only.)

3. CONNARUS BEYRICHII, *Planch. l. c.*

Var. ? *foliolis bi-quadrijugis cum impari subito acuminatis venosioribus.*

HAB. Brazil; with the preceding.

The specimen (with young fruit only) well accords with an authentic specimen of Planchon's *C. Beyrichii*, except that the leaflets, instead of three in number, are from *two to four pairs, abruptly pointed*, and less coriaceous, but *more veiny*.

3. BERNARDINIA, *Planch.*

1. BERNARDINIA FLUMINENSIS, *Planch.*

Bernardinia Fluminensis, Planchon, Prodr. Connar. in Linnæa, 23, p. 413.

HAB. Near Rio Janeiro, Brazil.

The specimen bears young fruit only: it appears to be identical with the plant upon which Planchon established his genus *Bernardinia*, in memory of Bernardin de St. Pierre.