

γ. **amplifolium**, C. DC. in DC. Prodr. xvi. 1, p. 321.

COSTA RICA (*Hoffmann*).

5. **Piper begoniæfolium**, Hook. et Arn. Bot. Beech. Voy. p. 310; DC. Prodr. xvi. 1, p. 374.

MEXICO.

6. **Piper berlandieri**, C. DC. in DC. Prodr. xvi. 1, p. 295.

SOUTH MEXICO, between Tampico and Real del Monte (*Berlandier*), region of Orizaba and valley of Cordova (*Bourgeau*, 1491, 2316, 2649), Vera Cruz (*Gouin*). Hb. Kew.

7. **Piper berterioanum**, C. DC. in DC. Prodr. xvi. 1, p. 249.

Enckea discolor, Kth. in Linnæa, xiii. p. 595.

SOUTH MEXICO, shady woods of Jalapa (*Schiede & Deppe*; *Coulter*, 1397; *Galeotti*). —JAMAICA. Hb. Kew.

8. **Piper bourgeaui**, C. DC. in Linnæa, xxxvii. p. 358.

SOUTH MEXICO, Cuernavaca (*Bourgeau*, 1287). Hb. Kew.

9. **Piper bredemeyeri**, Jacq. Eclog. i. p. 125, t. 84; DC. Prodr. xvi. 1, p. 271.

Artanthe bredemeyeri, Miq. Syst. Pip. p. 429.

SOUTH MEXICO, banks of the Rio Grande, Guadalajara (*Galeotti*, 6014); GUATEMALA? Volcan de Fuego, ridge above Calderas (*Salvin*). —VENEZUELA to ECUADOR and BRAZIL. Hb. Kew.

10. **Piper caladiifolium**, C. DC. in DC. Prodr. xvi. 1, p. 330.

Artanthe caladiifolia, Miq. Syst. Pip. p. 387.

MEXICO.

11. **Piper candelarianum**, C. DC. in Linnæa, xxxvii. p. 357.

COSTA RICA, mountains of Candelaria (*Ersted*).

12. **Piper cardiophyllum**, C. DC. in DC. Prodr. xvi. 1, p. 374.

Piper populifolium, Opiz in Presl's Reliq. Hænk. i. p. 160.

Artanthe cardiophylla, Presl, Epim. Bot. p. 225 (solum nomen).

Artanthe aegeiophylla, Miq. Syst. Pip. p. 391.

MEXICO (*Hænke*).

13. **Piper cartagoanum**, C. DC. in Linnæa, xxxvii. p. 350.

COSTA RICA, Cartago (*Ersted*).

14. **Piper (Artanthe) casimirianum**, Hemsley, n. sp.

Ramis gracilibus glabrescentibus, foliis ampliusculis longiuscule petiolatis membranaceis ovato-ellipticis penninerviis, spicis breviter pedunculatis gracillimis foliis fere æquilongis, bracteis glabris.

Herba vel *frutex* cito glaber, ramis gracilibus, striatis. *Folia* alterna, longe petiolata, membranacea, ovato-elliptica, 7–9 poll. longa, 3–4 poll. lata, basi rotundata, apice acuminata, obtusiuscula,