

110. **Piper tenuifolium**, C. DC. in DC. Prodr. xvi. 1, p. 321.

NEW SPAIN (Hb. Pavon).

111. **Piper tigerianum**, C. DC. in Seem. Journ. Bot. 1866, p. 300, et DC. Prodr. xvi. 1, p. 250.

HONDURAS, Isle de Tigré, Gulf of Fonseca (*Barclay*); NICARAGUA, Realejo (*Barclay*).

112. **Piper trinerve**, C. DC. in DC. Prodr. xvi. 1, p. 292.

*Artanthe trinervis*, Miq. in Seem. Bot. Voy. 'Herald,' p. 200, t. 41.

PANAMA, Veraguas (*Seemann*, 1217), woods near the city of Panama (*S. Hayes*, 739). Hb. Kew.

113. **Piper triquetrum**, Opiz in Presl's Reliq. Hænk. i. p. 160; DC. Prodr. xvi. 1, p. 375.

*Enckea californica*, Kth. in Linnæa, xiii. p. 601; Miq. Syst. Pip. p. 363?

MEXICO (*Hænke*).

114. **Piper tuberculatum**, Jacq. Ic. Pl. Rar. ii. p. 2, t. 211; DC. Prodr. xvi. 1, p. 265.

*Piper nutans*, Opiz in Presl's Reliq. Hænk. i. p. 156, t. 28. fig. 2.

*Steffensia tuberculata*, Kth. in Linnæa, xiii. p. 614.

*Artanthe tuberculata*, Miq. Syst. Pip. p. 497.

*Artanthe decurrens*, Miq. loc. cit. p. 402.

SOUTH MEXICO, San Blas to Tepic (*Coulter*, 1395), Teapa, Tabasco (*Linden*); GUATEMALA (*Friedrichsthal*); PANAMA (*Seemann*, 115; *S. Hayes*, 744).—Southward to PERU and BRAZIL and in the WEST INDIES. Hb. Kew.

β. **minus**, C. DC. in DC. Prodr. xvi. 1, p. 266.

COSTA RICA (*Hoffmann*).—COLOMBIA.

115. **Piper turrialvanum**, C. DC. in Linnæa, xxxvii. p. 342.

COSTA RICA, Turrialba (*Ersted*).

116. **Piper uhdei**, C. DC. in DC. Prodr. xvi. 1, p. 248.

MEXICO (*Uhde*).

117. **Piper umbellatum**, Linn. Sp. Pl. p. 43; DC. Prodr. xvi. 1, p. 332; Mart. et Gal. in Bull. Acad. Brux. x. (reprint, p. 23).

*Heckeria umbellata*, Kth. in Linnæa, xiii. p. 569.

*Pothomorphe umbellata*, Miq. Comm. Phytogr. p. 36, et Syst. Pip. p. 208.

SOUTH MEXICO, Mirador &c. (*Galeotti*, 6006); PANAMA (*S. Hayes*).—Southward to PERU and BRAZIL and in the WEST INDIES. Hb. Kew.

118. **Piper unguiculatum**, Ruiz et Pav. Fl. Peruv. et Chil. i. p. 34, t. 57. fig. b; DC. Prodr. xvi. 1, p. 249.

*Enckea unguiculata*, Kth. in Linnæa, xiii. p. 592; Miq. Syst. Pip. p. 352.

*Enckea glaucescens*, Kth. loc. cit. p. 593; Miq. loc. cit. p. 354.