

## 293088 to 293151—Continued

sembling grape; teeth obtuse, few, large; no flowers or fruit seen. Roots collected.

293094. *CISSUS* sp.

Col. No. 27. Near top of grade, 12.8 miles west of Naranjo, San Luis Potosi. Shoot tips pink with heavy black glandular hair; leaves lobed, terminal lobe large, acute; no flowers or fruit seen.

293095 and 293096. *PARTHENOCISSUS QUINQUEFOLIA* (L.) Planch. Vitaceae.

293095. Col. No. 19. On brush and rocks in dry ravine, limestone hills, Highway 57, 20 miles west of San Luis Potosi. Single-stemmed weak climber; leaves 5 pedate.

293096. Col. No. 34. On rocky slopes and canyon walls, 17 miles west of Linares along Linares-Galeana road. Fruitful climber; fruit beginning to ripen.

293097 to 293108. *VITIS* cf. *AESTIVALIS* Michx. Vitaceae.

293097. Col. No. 7. Rock cliffs, along streambed, Majalca, northwest of Chihuahua City. Elevation 6,750 feet. Plants not abundant, forming dense bushes in open; leaves small, dark green, arachnoid hairy, short petiolate, sharp toothed; fruit not abundant, some just setting.

293098. Col. No. 8. Locality data and plant description same as P.I. No. 293097.

293099. Col. No. 9. Locality data same as P.I. 293097. Slender climber to 20 feet; petioles red, short; leaves small, broad, glabrous, broad sinus at base, apical tooth sharp; shoots light red. No fruit found.

293100. Col. No. 10. Locality data and plant description same as P.I. 293099.

293101. Col. No. 11. Locality data same as P.I. 293099. Plant description differs only in that leaves are smaller.

293102. Col. No. 12. Weathered slate outcrop in narrow canyon, 3 miles upstream from mine dump, Santa Barbara, Chihuahua. Elevation 7,350 feet. Vine; shoots reddish, pubescent in shade; fruit to 0.25 inch diameter, sour, just ripening; bunches 8-12 berries.

293103. Col. No. 13. Differs from P.I. 293102 only in being a male plant from exposed rock pinnacle.

293104. Col. No. 14. Same as P.I. 293103.

293105. Col. No. 38. Oasis about 2 miles southwest of Ojo de Agua, Coahuila. Vine vigorous; canes and leaves hairy tufted; leaves long, sharp toothed.

293106. Col. No. 39. Location same as P.I. 293105. Shoot tips vigorous, downy, ribbed with dark red bands; stipules rust colored; berries sweet, full ripe; clusters 3 by 1.5 inches.

293107. Col. No. 40. Locality data and plant description same as P.I. 293141, except clusters have fewer berries.

293108. Col. No. 41. About 2 miles southwest of Ojo de Agua, Coahuila, at bus stop La Florida. Plant staminate; shoots distinctly red.

293109. *VITIS* cf. *ARIZONICA* Engelm.

Col. No. 21. Rain forest 5.5 miles west of Naranjo, San Luis Potosi. Vine in trees, fruitful; leaves large; shoots tomentose; fruit dull black, currant size, in short pyramidal clusters; 2 clusters per shoot. Seeds collected.

293110 to 293123. *VITIS* cf. *BERLANDIERI* Planch.

Winter grape.

293110. Col. No. 20. Humid oak forest, 17.5 miles west of Naranjo, San Luis Potosi. Plants abundant on trees; shoot tips rose colored to second leaf; leaves cordate, entire, dark green, 4.25 by 4.75 inches, dull, tomentose beneath; petiole sinus open.