

Apr. 1963, *R. W. Read & G. R. Proctor 1146* (FTG); Feb. 1966, *R. W. Read 1595, 1596* (US); June 1966, *R. W. Read 1681* (BH, IJ, S, UCWI, US); Jan. 1967, *R. W. Read 1761* (US); Mar. 1967, *R. W. Read 1835 & 1836* (US).

11. Hollymount: May 1903, *W. R. Maxon 1961, 1962* (US); 838.2 m, May 1904, *W. R. Maxon & G. N. Collins no. 5* (B, holotype of *T. tessellata*, not seen); May 1904, *W. R. Maxon 2353* (UCWI; US, neotype); Feb. 1905, *W. Harris no. 6* (UCWI); Sept. 1906, *N. L. Britton 734* (NY); Aug. 1931, *L. H. Bailey 710* (BH).
12. Blue Mountain, Mt. Diablo, top of south escarpment: 807.72 m, May 1967, *R. W. Read 1895* (GH).
13. Mt. Diablo: Mar. 1916, *E. P. Killip 420* (US); south slope; 457.2–502.92 m, May 1967, *R. W. Read 1896* (FTG); 502.92–533.40 m, May 1967, *R. W. Read 1897* (FTG).
- 14b. Charlton to Worthy Park road: 27-mile marker, 487.68 m, May 1967, *R. W. Read 1898* (US).

MANCHESTER

27. Somerset: 762–914 m, Feb. 1955, *G. R. Proctor 11604* (IJ).

TRELAWNY

30. Ramgoat Cave: 457.2 m, Apr. 1963, *R. W. Read & G. R. Proctor 1148* (FTG); Nov. 1964, *G. R. Proctor 25675* (IJ).
31. Donkey Trail, ½ mile north of Burnt Hill intersection: 518.16–556.26 m, May 1966, *R. W. Read 1663* (US); June 1967, *R. W. Read 1757* (S), *1758* (FTG).
32. Burnt Hill: Jan. 1956, *R. A. Howard et al. 14678* (IJ); ¼ mile north of intersection, 533.4 m, Apr. 1966, *R. W. Read 1640* (US).
- 36b. Weather Station (south of Windsor Cave): over 400 m elev., Apr. 1967, *C. D. Adams s. n. (Read 1877)* (US).

ST. JAMES

37. Fray Woods: 502.92–548.64 m, Mar. 1908, *W. Harris 10341* (B, not seen; UCWI, US).

HANOVER

38. Dolphin Head: above Askenish, 457.2–548.64 m, May 1906, *W. Harris 9273* (B, holotype of *T. harrisi*, not seen; UCWI, isotype); Mar. 1908, *W. Harris 10264* (B, not seen; UCWI, US); Mar. 1908, *N. L. Britton & A. Hollick 2217* (US); Feb. 1931, *L. H. Bailey 15053* (BH); Sept. 1951, *R. G. Robbins 2878* (UCWI); Apr. 1955, *G. R. Proctor 10054* (IJ); Mar. 1960, *G. R. Proctor 20683* (IJ); Sept. 1960, *C. D. Adams 7995* (M, UCWI); Apr. 1963, *R. W. Read & G. R. Proctor 1150* (FTG).
39. Bubby Hill: 441.96 m, Aug. 1965, *G. R. Proctor 26675* (IJ).
- 41b. Hills near Kemshot: Mar. 1908, *N. L. Britton 2426* (US).

SOURCE UNKNOWN

Olof Swartz, Jamaica (S, holotype of *T. parviflora* Sw.).

Thrinax parviflora Swartz *puberula*, new subspecies

A subspecies *parviflora* differt hastula adaxialiter 1.5–4.4 cm longa et aliquantum prominente, abaxialiter usque ad 1.6 cm longa, inflorescentiae ramulis dense granuloso-puberulis.

TYPE: *R. W. Read 1565* Palmers Cross, Parish of Clarendon, Jamaica, Nov. 1965 (US).

SPECIMENS EXAMINED AND COLLECTING LOCALITIES (Parish and locality number in Jamaica).—

ST. ANDREW

1. Cane River Gorge, 76.2–182.88 m: Mar. 1931, *L. H. Bailey 15089* (BH); Apr. 1963, *R. W. Read & G. R. Proctor 1139, 1140* (FTG); Mar. 1966, *R. W. Read 1603* (US).
2. Dallas Mountain: Apr. 1963, *R. W. Read & G. R. Proctor 1141* (FTG); 542.54 m, Nov. 1965, *R. W. Read & C. D. Adams 1559a* (US).
3. Long Mountain: Mona Hill, Sept. 1906, *N. L. Britton 373* (NY, US); vicinity of water tank, Montclair Dr., Beverly Hills, 213.36–243.84 m, May 1966, *R. W. Read 1657, 1658c* (BH, US); June 1967, *R. W. Read 1950* (US); Mona Mt., May 1904, *W. R. Maxon 2147* (US).
4. Ferry Hill: along river side, 30.48 m, May 1904, *W. Harris 4* (B, not seen); Ferry River, *G. N. Collins s. n.* (US); May 1904, *W. R. Maxon 2190 & 2197* (US).

ST. CATHERINE

- 14a. Charlton to Worthy Park road (26-mile marker): 381 m, June 1966, *R. W. Read 1672* (FTG).
- 14b. Charlton to Worthy Park road (26.5-mile marker): 487.68 m, June 1967, *R. W. Read 1941, 1944* (US).
15. Mendez Hill to Spring Vale: 152.4–304.8 m, May 1967, *R. W. Read 1899* (FTG), *1900* (NY).
16. Cudjoe Hill: 152.4 m, Mar. 1966, *R. W. Read 1602* (BH).
- 17a. Johnston Pen vicinity, near rock quarry, 2–4 miles south from Spanish Town, off the Friendship Rd.: 121.92 m, Nov. 1965, *R. W. Read 1655a, 1655b* (US).
- 17b. Guanaboa Vale, 9 miles NW of Spanish Town: Nov. 1965, *R. W. Read 1551* (US).
18. Spring Garden: 76.2 m, Mar. 1966, *R. W. Read 1600, 1601* (BH).
19. Hellshire (Healthshire) Hills: near Salt Island, 76.2 m, Sept. 1908, *W. Harris & N. L. Britton 10524* (UCWI, US).
- 20a. Rio Cobre Gorge: near Bog Walk, ca 182.88 m, Feb. 1931, *L. H. Bailey 15065* (BH).
- 20b. Great Goat Island: Apr. 1920, *W. R. Maxon & E. P. Killip 1593* (US).

CLARENDON

21. Palmers Cross: in a sisal field, 45.72 m, Apr. 1963, *R. W. Read & G. R. Proctor 1147* (FTG); Nov. 1965, *R. W. Read 1565* (BH, S, UCWI, US, holotype of *T. parviflora* subspecies *puberula*); June 1966, *R. W. Read 1676b* (BH, S, UCWI, US).

22. Cockpit: 4.75–12.19 m, June 1966, *R. W. Read 1675a, 1675b* (US); Feb. 1967, *R. W. Read 1827b* (US).
 23. Salt River: ca 15.24 m, Nov. 1935, *L. H. Bailey 202* (BH).
 24. Portland Point: 3.05–6.1 m, Feb. 1967, *R. W. Read 1825* (US).
 25. Clarendon Park: 83.82 m, Feb. 1966, *R. W. Read 1583* (BH).

MANCHESTER

26. Round Hill: 60.96 m, July 1966, *R. W. Read 1689* (US).
 Alligator Pond: Feb. 1931, *L. H. Bailey 15080* (BH).

ST. ELIZABETH

28. Bull Savanna: 152.4 m, July 1962, *E. T. Robertson 9326* (UCWI).

TRELAWNY

29. White Bay: 3.05 m, Aug. 1966, *R. W. Read 1702a, 1702b* (US).
 31. Donkey Trail, ½ mile north of Burnt Hill intersection: 518.16–556.26 m, May 1967, *R. W. Read 1946* (US).
 33. Mango Tree Hill (Carambi Hill): 542.54–563.88 m, Jan. 1966, *R. W. Read 1574* (US); May 1966, *R. W. Read 1662* (US).
 34. Sherwood Content: 228.6–247.32 m, Oct. 1955, *G. R. Proctor 11065* (IJ).
 35. Mt. Pantrepant: ca. 91.44 m, Nov. 1935, *L. H. Bailey 215* (BH).
 36. Windsor Cave: 152.4 m, Aug. 1955, *G. R. Proctor 10540, 15631* (IJ).

HANOVER

40. Silver Spring: near Fish River, 60.96 m, Mar. 1966, *R. W. Read & Ivor Cornman 1614* (K).
 41a. Lances Bay: 15.24 m, June 1966, *R. W. Read 1669* (S).

WESTMORELAND

42. Negril Hill: New Hope Estate, 53.34–76.2 m, Nov. 1955, *G. R. Proctor 11206* (IJ); inland from Revival, June 1966, *R. W. Read 1670* (US).

SOURCE UNKNOWN

1849 *Wulsschlagel #573* "Borassus flabelliformis L.?" (M);
 1878 *W. 1512*, 2 sheets (UCWI).

2. *Thrinax radiata* Lodd. ex J. A. & J. H. Schult.

Thrinax radiata Lodd. ex J. A. & J. H. Schult. in Linn. Syst. Veg. sec. 7(2):1301. 1830.—Mart., Hist. Nat. Palm. 3:257. 1838.—Kunth, Enum. Pl. 3:253. 1841.—Becc., Annal. Roy. Bot. Gard. Calcutta (Martelli ed.) 13:335. 1933 ["1931"]. [Type: Specimen in Herbarium Regium Monacense "e horto paris" (M).]

Coccothrinax radiata (Lodd. ex J. A. & J. H. Schult.) Sarg. ex K. Schum. in Just's Bot. Jahresb. 27 (1):469. 1901. [As to the type only, not subsequent usage and associations.]

Thrinax floridana Sarg., Bot. Gaz. 27:84. 1899; Silva 14:81, t. 735. 1902.—Small, Fl. S.E. U.S. p. 221. 1903.—Becc., Webbia 2:262. 1907.—Small, Fl. Fla. Keys p. 26. 1913.—Sarg., Manual Trees N. Amer. p. 97. 1926.—Becc., Annal. Roy. Bot. Gard., Calcutta (Martelli ed.) 13:328. 1933 ["1931"].—Read, Amer. Hort. Mag. (Ledin ed.) 40:28. 1961.—Read in Moore, Principes 7:168. 1963. [Type: *Sargent, Thrinax* no. 2, 14 Nov. 1898 ("cultivated at Miami from Long Key"), Florida (AAH).]

T. wendlandiana Becc., Webbia 2:265. 1907. nom. illeg.? Pomona Col. Journ. Econ. Bot. 3:403, f. 168. 1913.—Sarg., Manual Trees N. Amer. p. 97. 1926.—Burret, Sv. Vet.-akad. Handl. ser. 3, 6(7):10. 1929.—Becc., Annal. Roy. Bot. Gard., Calcutta (Martelli ed.) 13:332. 1933 ["1931"].—León, Fl. Cuba. 1:260. 1946. [Type: *Wright no. 3219* (1860–1864), Cuba (G).]

T. martii Griseb. et H. Wendl. ex Griseb., Cat. Pl. Cub. p. 221. 1866 [excluding elements of *Coccothrinax*]. [Type: *Jamaica. Robins* (Inflor.) Herb. Banks (BM).]

T. pumilio sensu Mart., Hist. Nat. Palm. 3:256, as to tab. 103, f. IV, 1–4. 1838 [et auct. non Lodd. ex J. A. & J. H. Schult. in Linn. Syst. Veg. sec. 7(2):1301. 1830].

Porothrinax pumilio H. Wendl. ex Griseb., Cat. Pl. Cub. p. 221. 1866 [pro parte, as to the specimen cited, not the type].

T. parviflora auct. non Sw.: Mart., Hist. Nat. Palm. 3:255, pro parte. 1838.—Sauv., Anal. Acad. Ci. Habana 7:563. 1871.—Vasey, Cat. For. Trees U.S., USDA Rept. no. 11. 1875:186. 1876.—Chapm., Bot. Gaz. 3:12. 1878; Fl. South. U.S. p. 651. 1883.—Sarg., Gard. & For. 9:162. 1896.—Becc., Webbia 2:255, pro parte. 1907.—Small, Journ. N. Y. Bot. Gard. 26:49. 1925; 31:58. 1930; Sci. Monthly 32:242. 1931.—Becc., Annal. Roy. Bot. Gard., Calcutta (Martelli ed.) 13:327, pro parte. 1933 ["1931"].—Small, Manual S. E. Flora p. 241. 1933.—Bailey, Gent. Herb. 4:135. 1938.—Buswell, U. of Miami Bull. 19(6):49. 1945.—Bailey, Gent. Herb. 8:991. 1949.—Bomhard, U. S. Dept. Agric. Inf. Bull. no. 22, p. 21. 1950.—Asprey & Loveless, Journ. Ecology 46:547–570. 1958.—Alain, Principes 5:68. 1961.—Long & Lakela, Fl. Trop. Florida p. 245. 1971.

T. excelsa sensu Bailey, Gent. Herb. 4:134. 1938 [non Lodd. ex Griseb., Fl. Brit. W. Ind. p. 515. 1864].

T. multiflora sensu Read in Adams, Fl. Pl. Jam. p. 76. 1972 [non Mart., Hist. Nat. Palm. 3:255, t. 103, f.l.a., t. 163. 1838].

Medium palm, (1.5–)2.0–10.0 (–12.0) m tall, caudex columnar, 8.1–11.6 (–13.0) cm in diameter, tapering out to an enlarged base and mound of roots, internodes 4–7 cm apart on lower trunk.

Leaf sheath 58.4–62.2 cm long, apex oblique down from petiole, tearing away from petiole and soon becoming coarsely fibrous, indumentum persistent on fibers; petiole 36–94 cm long, adaxially flat to slightly convex, 2.2–3.1 cm wide at sheath, rounded abaxially, 1.6–2.3 cm wide at narrowest and 2.1–3.2 cm wide at apex, abaxially with scattered scales, soon glabrescent or with few persistent