

14c. *Geonoma cuneata* subsp. *indivisa* Henderson, subsp. nov. (Appendix IV, Plate 17)

A subspeciebus aliis foliis simplicibus venis haud prominentibus atque rachide longiore differt

Type: PANAMA. San Blas: Cerro Brewster, 9°18'N, 79°16'W, 800–850 m, 20 November 1985, *G. de Nevers, A. Henderson, H. Herrera, G. McPherson & L. Brako* 6293 (holotype NY!, isotype MO!).

Leaves undivided; petioles drying green or yellowish; veins not raised or slightly raised and triangular in cross-section adaxially; rachis 56.6(40.0–88.0) cm long; pinnae 1 per side of rachis. *Inflorescences* staminate flowers deciduous after anthesis; non-fertilized pistillate flowers deciduous after anthesis.

Distribution and habitat:—From 8°34'–9°00'N and 78°55'–81°07'W in central Panama (Santa Fé to the western end of the Serranía de San Blás) at 541(50–1000) m elevation in lowland rainforest (Fig. 14).

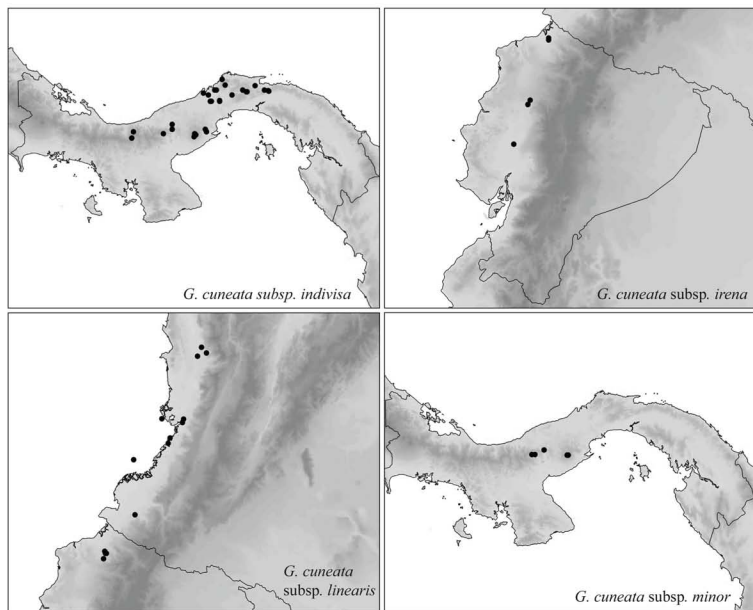


FIGURE 14. Distribution maps of *Geonoma cuneata* subsp. *indivisa*, *G. cuneata* subsp. *irena*, *G. cuneata* subsp. *linearis*, *G. cuneata* subsp. *minor*.

14d. *Geonoma cuneata* subsp. *irena* (Borchsenius) Henderson, comb. & stat. nov.

Basionym: *Geonoma irena* Borchsenius (1996: 605). Type. ECUADOR. Pichincha: Hacienda Irena, km 35 on the road Sto. Domingo de los Colorados-Quevedo, 280) m, 16 September 1995, *F. Borchsenius, C. Asmussen & J. Knudsen* 286 (holotype AAU!, isotypes COL!, F!, NY!).

Leaves pinnate; petioles drying green or yellowish; veins raised and rectangular in cross-section adaxially; rachis 68.6(36.0–105.0) cm long; pinnae 6–7 per side of rachis. *Inflorescences* staminate flowers persistent after anthesis; non-fertilized pistillate flowers persistent after anthesis.