Pterodiscus ngamicus is sparsely scattered in various parts of Limpopo Province, though it is well represented in the arid savannah near Lephalele, sharing its range with cattle and game ranches. The plants are generally found growing in reddish or putty colored loamy soil, Pterodiscus ngamicus has large, bottle shaped succulent trunks, and deciduous annual succulent stems which die back to the trunk in early winter. New stems appear at the beginning of the summer. North of Lephalele in early December 2005 these plants are beginning to come into flower with the onset of the summer rains.