

and the flowers, fruit and leaf texture are the same throughout. The distinction of number of ribs in the leaflet is normally unreliable for distinguishing species in *Pinanga*, populations of other *Pinanga* species frequently being very variable among themselves. Yet from the available specimens the two leaflet states in the rheophytes (excluding *P. rivularis*) appear to be very consistent and geographically separated. I feel *P. calamifrons* is not specifically distinct from *P. tenella* but that the consistent leaflet difference should receive some taxonomic recognition. I therefore have reduced *P. calamifrons* to varietal rank within *P. tenella*.

The other taxa of rheophytic *Pinanga* may thus be cited as follows:

***Pinanga tenella*** (*H. Wendl.*) *Scheff.* var. ***tenuissima*** (*Becc.*) *Dransfield* comb. nov.

*Pinanga calamifrons* Becc., Malesia 3: 132 (1886). Type: Sarawak, Rejang, Beccari PB 3841 (holotype FI).

*Pinanga calamifrons* var. *tenuissima* Becc., Malesia 3: 133 (1886). Type: Sarawak, Sekrang, Beccari PB 3848 (holotype FI).

***Pinanga rivularis*** *Becc.*, Malesia 3: 130 (1886). Type: Sarawak, Tubau, Beccari PB 3773 (holotype FI; isotype K).

The three taxa may be keyed out as follows:

1. Calyx of pistillate flower tubular with three obtuse lobes; rachilla densely hairy when young; irregular nodal and internodal branching frequent; all petals of staminate flower subequal . . . . . ***P. rivularis***  
 Calyx of pistillate flower with 3 imbricate petals; rachilla  $\pm$  glabrous; irregular nodal and internodal branching absent; two petals of staminate flower subequal, the third much smaller . . . . . 2
2. Leaflets with one fold . . . . . ***P. tenella* var. *tenella***  
 Leaflets with two folds . . . . . ***P. tenella* var. *tenuissima***

**3. *Pinanga ridleyana*** *Becc. ex Furtado* in Feddes Repert. 35: 282 (1934). Type: Borneo, Jambusan, *Ridley* 12472 (holotype K).

*Pinanga ridleyana* Becc. ex Martelli in Atti Soc. Tosc. Sci. Nat. Res. Pisa Mem. 44: (1934). Type: *Ridley* 12472 (holotype K).

Beccari annotated a collection made by Ridley (12472) of an entire leaved *Pinanga* sp.; the specimen was collected at Jambusan, Sarawak, and is in Kew. Beccari evidently also described the plant in detail and had every intention of publishing it as *P. ridleyana* Becc. However, he died before it could be published and his manuscripts were edited by Martelli and published in 1934 in Atti della Societa Toscana di Scienze Naturali Residente in Pisa Memorie Vol. 44. On 15 July 1934 Furtado published a paper in Feddes Repertorium Vol. 35: Nr. 928/935 to account for nomenclatural changes and new species in the genus *Pinanga*. In it he described *Pinanga ridleyana* Becc. in sched., based on the same collection made by Ridley. The date of Martelli's paper is less precise, being 1934 only. Dr F. Garbari of Pisa has kindly elucidated the problem of priority. Martelli presented his paper to the Societa Toscana on 12 July 1934 as recorded in the Processi Verbalì of the Society, 43: 106 (1934) with a note that the paper would be