Corrigenda

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The Significance of Pollen Morphology in the Taxonomy of the Genus *Durio* (Bombacaceae)

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replace page 269 with the following:

graveolens, D. kutejensis, D. oxleyanus, were reported as oblate spheroidal. Sharma (1970) showed D. lowianus and D. pinangianus had a similar pollen shape, but that pollen of D. griffithii and D. singaporensis were oblate and that of D. carinatus oblate spheroidal.

Generally, in the majority of species the thickness of the pollen wall varied from 2—4 μ m. However, the pollen wall of *D. griffithii* and *D. excelsus* was thin (less than 2 μ m) while that of *D. testudinarum* was thick (greater than 4 μ m).

Size varied from 46 to 145 µm for the polar diameter (P) and 50 to 120 µm for the equatorial diameter (E) (Table 2). According to the classification of the pollen size by Erdtman (1952), Durio pollen can be divided into three groups, i.e. medium (25—50 µm), large (50—100 µm) and very large (100—200 µm). Most Durio species fell within the large group except for D. griffithii, which had medium to large pollen, and D. affinis, D. oxleyanus, D. pinangianus, D. testudinarum and D. zibethinus, which possessed large to very large pollen (Table 2). Similar results were obtained by Abang Mokhtar (1991), except that pollen of his sample of D. griffithii and D. acutifolius fell within the medium-sized group and D. graveolens in the very large group. This difference in size was probably due to whether herbarium or fresh specimens were used. Since there was variation in pollen size within a species and variation between species was not distinct, pollen size is therefore not a good character for distinguishing the species.

Conclusions

Only in *D. testudinarum* are pollen characters species-specific (Table 3) and the pollen of this species can clearly be distinguished by a combination of its large size, thick wall and verrucose exine. Although there are differences in pollen morphological characters between the species, intraspecific variation also occurs. A combination of pollen characters, such as the exine sculpture, size and shape, can, in some cases (Table 3), provide supplementary information, which should, however, be used together with other characters for the identification of *Durio* species.