



Fig. 4. *Brachyphyllophagus phantassus* sp. nov., holotype PIN, № 2384/260: (a) insect abdomen with leaf fragments; (b, c) fragments of leaf cuticle with stomatal grooves, SEM (×250).

able on the basal dark band, distal to the latter they are sparse or absent (not preserved?).

Measurements (mm): body length, no less than 32; length of antenna, ca. 18; forewing length, 27; length of fore tibia, ca. 3.8; head width, 4.6; forewing width, no less than 5.

Comparison. Distinct from the type species in the somewhat larger size, setaceous antennae of the longer and more slender segments, longer and less oblique RS and MA bases, curved and more numerous Cu branches, more dense crossveins on the basal dark band, and much less variegate dark pattern (but with the hindwings suffused).

Remarks. On the fragments of the thick leaf cuticle preserved in the gut of *Brachyphyllophagus phantassus* (Pl. 9, fig. 6) the sunken stomatal grooves with the small isodiametric cells of irregular outline and with the transversely or obliquely oriented, relatively large, monocyclic stomatal apparatuses are clearly visible. The stomatal grooves are separated by the wide zones lacking the stomata of the narrow, thin-walled cells with wedge-shaped ends, arranged in transverse rows. Such an epidermal structure is encountered in several *Brachyphyllum* species, for example in *Brachyphyllum ardenicum* Harris (Harris, 1979).

Material. Holotype.

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