

Grimmia maido H.C. Greven - Bryologist 99: 428-429. 1996.

Type: Africa, La Réunion, Viewpoint le Maïdo, alt. 2150 m, October 7, 1995, leg. H.C. Greven and S.N. Khoebal No. 4000/1, holotype NY!; isotypes L!, MO!

Distribution: Afr.3

Description

Grimmia maido grows with frequently branched stems in black, flat, not very hoary, readily disintegrating patches, the leaves are appressed when dry, erectopate when moist, ovate-lanceolate, concave above, conspicuously narrowed at insertion, the costa is weak, not at all projecting on dorsal side, the hair-points are short, weakly denticulate, the margins are plane, incurved above. The distal areolation is bistratose with translucent unistratose ridges, the mid-leaf cells are irregularly rounded-quadrate, the walls slightly incrassate, the basal marginal cells are quadrate with conspicuously thickened transverse walls, the basal juxtacostal cells are elongate with incrassate and sinuose walls. The sexuality is dioicous, sporophytes are unknown.

Discussion

Grimmia maido is endemic to La Réunion, where it grows on exposed, horizontal lava rock, associated with *G. longirostris* and *G. laevigata*. It is closely related to this latter species and possibly derived from it, differing by frequently branched stems, ovate-lanceolate leaves, incomplete-bistratose upper lamina, elongate basal juxtacostal cells with incrassate and sinuose walls, quadrate to short-rectangular basal marginal cells, and weakly denticulate hair-points. Muñoz (1998b) synonymized erroneously *G. maido* with *G. longirostris*. It differs from this latter species by concave leaves, a weak costa, not at all projecting on dorsal side, plane margins, bistratose mid-leaf areolation with translucent unistratose ridges and rounded mid-leaf cells.

Specimens examined

Africa. La Réunion, Viewpoint le Maïdo, between shrubs, basaltic boulders, spread over the viewpoint, alt. 2150 m, leg. H.C. Greven and S.N. Khoebal No. 4000/ 1-5;

References:

Greven, H.C. 1996. *Grimmia maido* and *Grimmia sanii*, Two New Species from Africa. The Bryologist 99: 428-432.

Muñoz, J. 1998b. Materials toward a revision of *Grimmia* (Musci, Grimmiaceae):

Nomenclature and taxonomy of *Grimmia longirostris*. Ann. Miss. Bot. Gard. 85: 352-363.