

TWO NEW GRASSES

N. L. BOR

(Royal Botanic Gardens, Kew)

Dimeria keenanii Bor, sp. nov. *D. kurzii* Hook. f. affinis sed ab ea glumis ambabus alatis, spiculis majoribus distincta.

Gramen annum. *Culmi* pergraciles erecti, leviter ramosi, usque 40 cm alti, leves glabrique nodis pilis erectis albis praediti. *Foliorum* laminae planae, tenues, lineares, basin versus attenuatae, in apicem acuminatum longe attenuatae, utrinque pilis sparsis longis obiectae, usque 9 cm longae, 2–4 mm latae; vaginae laxissimae, pilis sparsis longis obiectae; ligulae 0.5 mm longae, membranaceae, ciliatae. *Racemi* solitarii ad apices culmorum ramorumque, primo vagina summa inclusa, demum libera, saepe longe exserta. *Spiculae* singulae, secundae, alternae, breviter pedicellatae ad rhachin planam inarticulatum dispositae, a pedicello demum decedentes, angustae, arcte compressae, 2-florae, 5.5 mm longae; gluma inferior 4.5 mm longa, 1-nervis, a latere valde compressa, carina angustissime alata, ala brevissime ciliata, oblongo-acuminata, lateribus glabrae; gluma superior a latere visa oblongo-acuta, 5.5 mm longa, glabra, valde compressa, dorso a basi usque ad apicem alata; latera glabra, 1 mm lata; ala margine brevissime albo-ciliata, 0.75 mm lata; gluma explanata 2 mm lata. *Anthoecium* inferius abest. *Anthoecium* superius hermaphroditum; lemma hyalinum 3 mm longum, 2 mm latum, apice bilobatum, inter lobos aristatum; arista perfecta.

BURMA. Hills west of Paungdaw Power Station. Growing amongst rocks in small pockets of soil, 9–12 in high, abundant here; 550 m, ix 1961, *Keenan, Tun Agun & Rule* 1778 (holo—E, iso—K).

Puccinellia ciliata Bor, sp. nov. a *P. gigantea* (Grossh.) Grossh. lemmatibus glaberrimis paleae carinis inferne longe ciliatis distincta.

Gramen annum. *Culmi* erecti solitarii vel fasciculati, usque 60 cm alti, graciles, leves glabrique. *Foliorum* laminae usque 25 cm longae 1 mm latae, complicatae vel involutae, subtus leves glabraeque, rigidiusculae, marginibus scabrae; vaginae culmos arcte amplectentes; ligula membranacea, 1.5 mm longa. *Panicula* perlaxa, usque 25 cm longa 20 cm lata; rami inaequales ad nodos inferiores 5-nati, ad nodos superiores binati, patentes, in $\frac{1}{2}$ inferiore nudi, apices versus dense spiculati, scaberuli; internodia paniculae a basi usque apicem 5 cm–2 cm longa. *Spiculae* 7–9 mm longae, 6–8-florae, oblongae virides vel purpureo-tinctae; glumae inaequales, inferior 2 mm longa, oblongo-acuta, superior 3 mm longa, 3-nervis, oblongo-acuta; lemma inferius 2.75 mm longum, dorso rotundatum, omnino glabrum, 5-nerve, oblongum, apice breviter apiculatum, marginibus apiceque hyalinum; palea bicarinata, carinis inferne conspicue ciliata, superne scabra; antherae 1.5–2 mm longae.

TURKEY. BI Izmir: Kahic, 12 km from Menemen, N of Izmir, near the sea, 1951, Miles & Donald sn (holo—E, iso—K).

This species of *Puccinellia* appears to be distinct from its nearest relative *P. gigantea* (Grossh.) Grossh. in that the lemma is completely glabrous on the dorsal surface while the keels of the palea are long ciliate in the lower half.