

Wild. MO50.CPG94; W6 15779. Collected 07/14/1994 in Morocco. Latitude 33 deg. 45' 40'' N. Longitude 5 deg. 0' 14'' W. Elevation 1080 m. Near Imouzzer, 3 km north of Imouzzer on road P24, Fes-Ifrane. Past grazed, now roadway/cultivated lavender shrub plantation. Slope 11-40%, aspect SW. Open. Soil loam on calcareous rock free limestone, pH 9.5-10.0. Rainfall 650 mm. Seasonally inundated, basin. Vegetation closed, seasonal tall grass. Population distribution patchy, abundance frequent. Growth habit erect.

PI 598852. *Festuca arundinacea* Schreb.

Wild. MO53.CPG94; W6 15782. Collected 07/16/1994 in Morocco. Latitude 33 deg. 46' 5'' N. Longitude 6 deg. 16' 9'' W. Elevation 530 m. Near Tiflet, 18 km south of Tiflet on S209, Tiflet-Oulmes. Grazed. Slope 0-5%, aspect W. Light open. Soil clay, heavy cracking, on calcareous bedrock, surface rocky, eroded, pH 9.5. Rainfall 500 mm. Moist, ravine. Vegetation closed, seasonal tall grass. Surrounding veg. cereal-pasture agriculture. Population distribution patchy, abundance occasional. Growth habit erect.

PI 598853. *Dactylis glomerata* L.

Wild. MO55.CPG94; W6 15784. Collected 07/16/1994 in Morocco. Latitude 33 deg. 31' 17'' N. Longitude 6 deg. 15' 29'' W. Elevation 750 m. Near Tiddas, 8 km south of Tiddas on road S109, Tiflet-Oulmes. Grazed. Slope 11-40%, aspect NE. 1/4 shade. Soil clay, heavy cracking, on calcareous schist, surface rocky, eroded, pH 8.5. Rainfall 600 mm. Seasonally dry, ravine, mid slope. Vegetation closed, seasonal tall grass. Surrounding veg. cereal-pasture agri. Population distribution patchy, abundance frequent. Growth habit erect.

The following were collected by Peter Cunningham, Dept. of Agriculture & Rural Affairs, Pastoral Research Institute, P.O. Box 180, Hamilton, Victoria 3300, Australia; Walter Graves, University of California, Cooperative Extension Service, 777 E. Rialto Avenue, San Bernadino, California 92415-0730, United States; Saddik Saidi, Morocco. Received 08/19/1994.

PI 598854. *Lolium perenne* L.

Wild. MO58.CPG94; W6 15787. Collected 07/16/1994 in Morocco. Latitude 33 deg. 29' 9'' N. Longitude 6 deg. 8' 45'' W. Elevation 980 m. Near Oulmes, 18 km west of Oulmes on road S209, Tiflet-Oulmes. Grazed. Slope 0-5%, aspect S. Light open. Soil loam on schist bedrock, pH 6.0. Rainfall 700 mm. Moist meadow in watercourse. Vegetation closed, seasonal tall grass. Surrounding veg. evergreen open forest with closed lower layers. Dominant tree species *Quercus suber*. Dom. shrub sp. *Lavandula stoechas*. Dom. herb/grass sp. perennial grass/clovers, couch, strawberry. Area sampled 20,000 sq. m. Population distribution patchy, abundance frequent. Growth habit semi-erect.

The following were collected by Peter Cunningham, Dept. of Agriculture & Rural Affairs, Pastoral Research Institute, P.O. Box 180, Hamilton, Victoria 3300, Australia; Walter Graves, 7665 Volclay Drive, San Diego, California 92119-1219, United States; Saddik Saidi, Morocco. Received 08/19/1994.

PI 598855. *Festuca arundinacea* Schreb.