*G. gynandra* [*Cleome gynandra*] belongs to the family Capparidaceae. It grows as a weed in most tropical countries, but in some areas is semi-cultivated as a leafy vegetable, and is sometimes intercropped with other annual field crops. Brief notes on its botany, genetic resources, cultivation, diseases and pests, storage, utilization (nutritive value and medicinal properties), and research requirements are presented. The information was compiled from various literature sources, personal communications with small-scale farmers and from studies carried out at the University of Nairobi.