Seventy-seven Angiosperms (Euphorbiaceae to Menispermaceae) are listed, which are used by traditional healers in five regions of Eastern Tanzania; namely, Coast, Dar es Salaam, Kilimanjaro, Morogoro and Tanga. For each species listed, the botanical name, vernacular name, collection number, locality, habit, distribution and medicinal uses are given. Additionally, information from the literature on medicinal uses, chemical constituents and pharmacological effects is also provided.