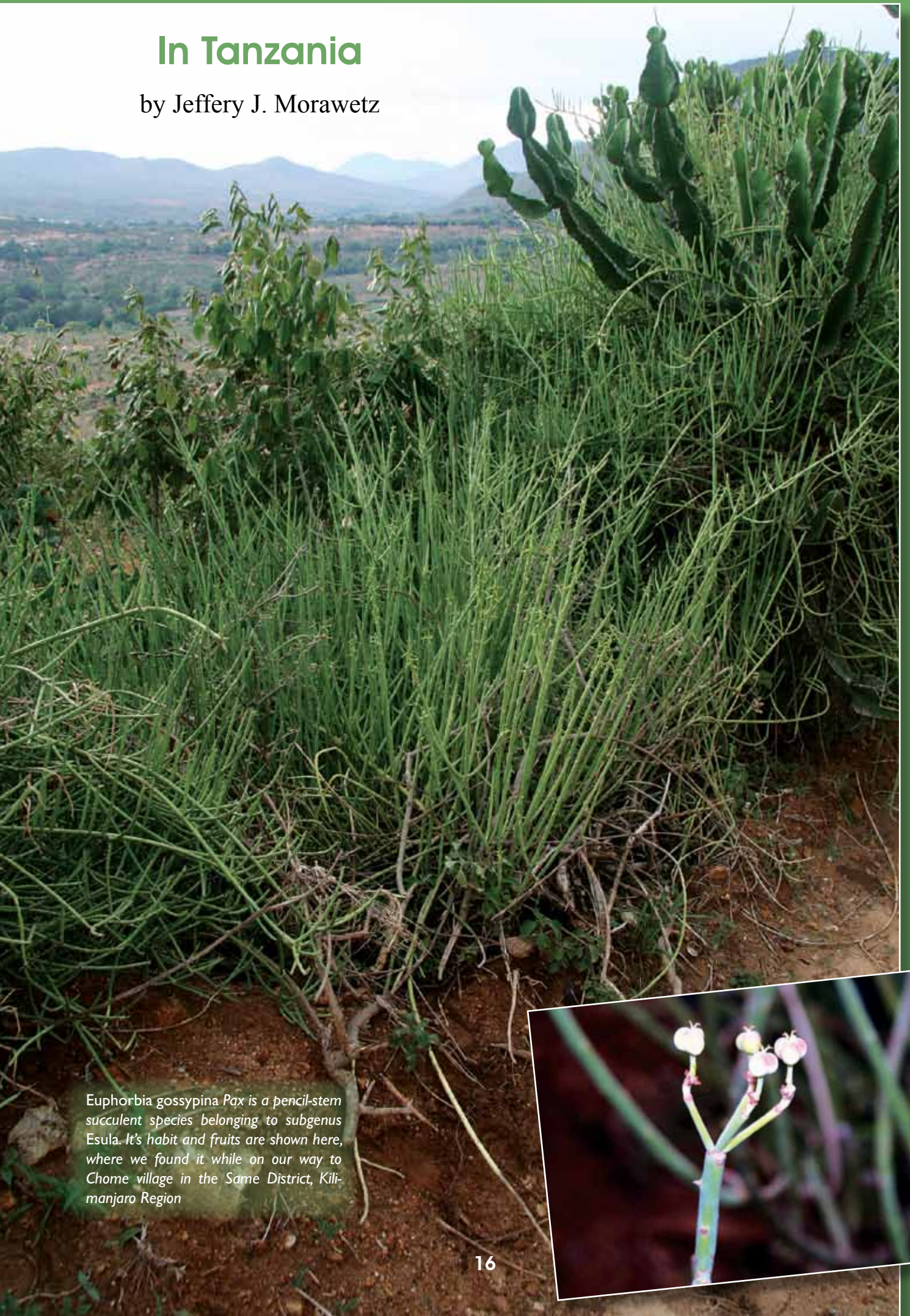


## In Tanzania

by Jeffery J. Morawetz



*Euphorbia gossypina* Pax is a pencil-stem succulent species belonging to subgenus *Esula*. Its habit and fruits are shown here, where we found it while on our way to Chome village in the Same District, Kilimanjaro Region

In Vol. 6(3) Jeffery J. Morawetz took us on a journey to Tanzania. Now he adds some more pictures to show us the wealth of *Euphorbia* species to be found in this East African country.

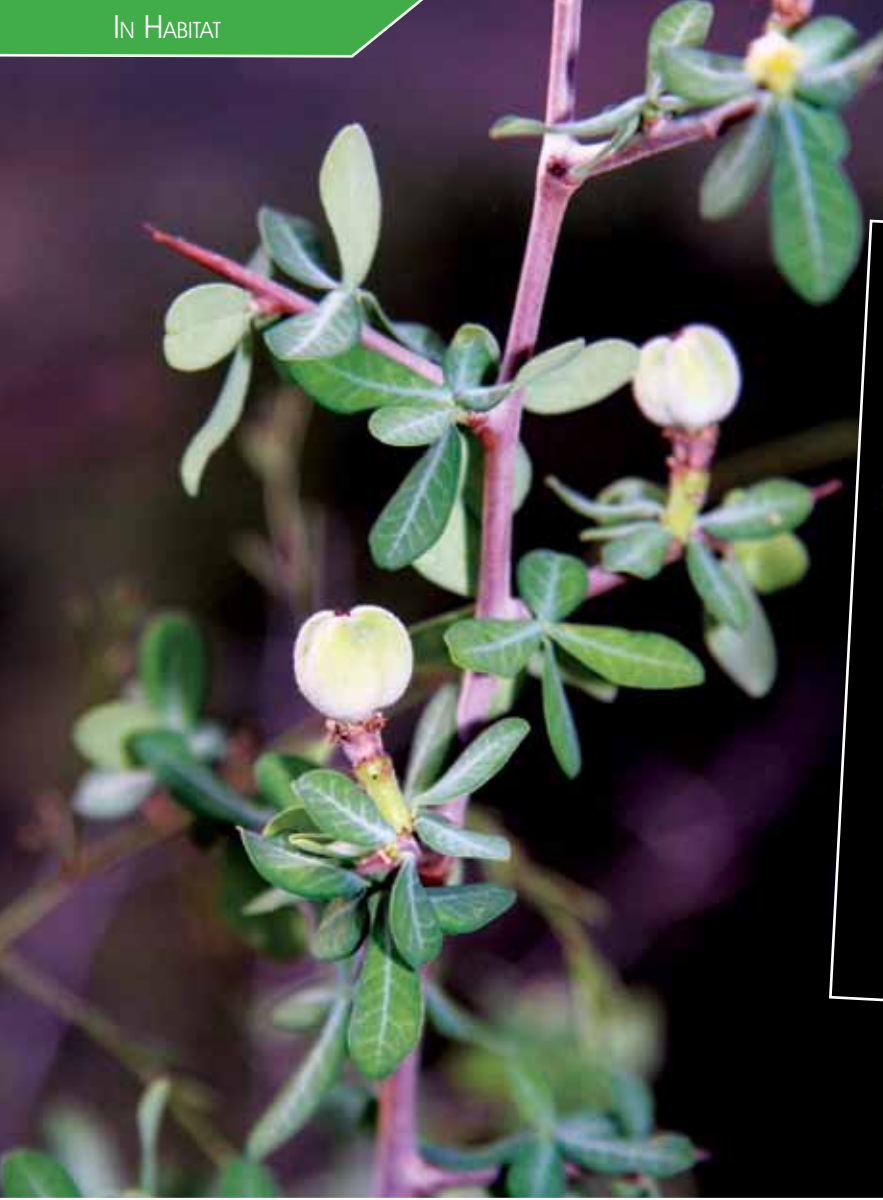
Acknowledgements: William Kindeketa, Haji Suleiman, Neduvoto Mollel, Flora Ismail, Roy Gereau, COSTECH & the Tanzania Botanical Research and Conservation Programme.

*Euphorbia buruana* Pax is a strongly winged species in the spine-shield group (subgenus *Euphorbia* section *Euphorbia*). This specimen was collected not far from *E. gossypina* en route to Chome village.



Also en route to Chome, we came across these nice specimens of the arborescent spine-shield species *Euphorbia nyikae* Pax ex Engl. The spine-shield *Euphorbia* species often have unornamented yellow cyathial glands, as shown here, and in *E. buruana*.





The road to Chome was filled with Euphorbia! Here we have the shrubby *E. cuneata* Vahl with its characteristic spine-tipped branches. This species belongs to subgenus *Rhizanthium*. Check out those cup-like green cyathial glands!



Here we have the herbaceous *Euphorbia crotonoides* subsp. *crotonoides* Boiss., a member of subgenus *Rhizanthium*. This species was collected in the western Rukwa Region, between Sumbawanga and Mpanda.



One of my favourite species of all, *Euphorbia neospinescens* Bruyns (formerly *Monadenium spinescens* (Pax) P.R.O.Bally) was collected in the Morogoro Region. It was particularly difficult to collect: not only are the stems heavily armed with spines, the leaf margins and midrib also bear sharp points!

Finally, here is a shot of the typical orange soils and hills around Same. There are several *Euphorbia heterochroma* Pax scattered in the foreground. Same District was great for *Euphorbia*: we collected nine different species in just four hours!

