30th IOS Congress, Natal, State of Rio Grande del Norte, Brazil

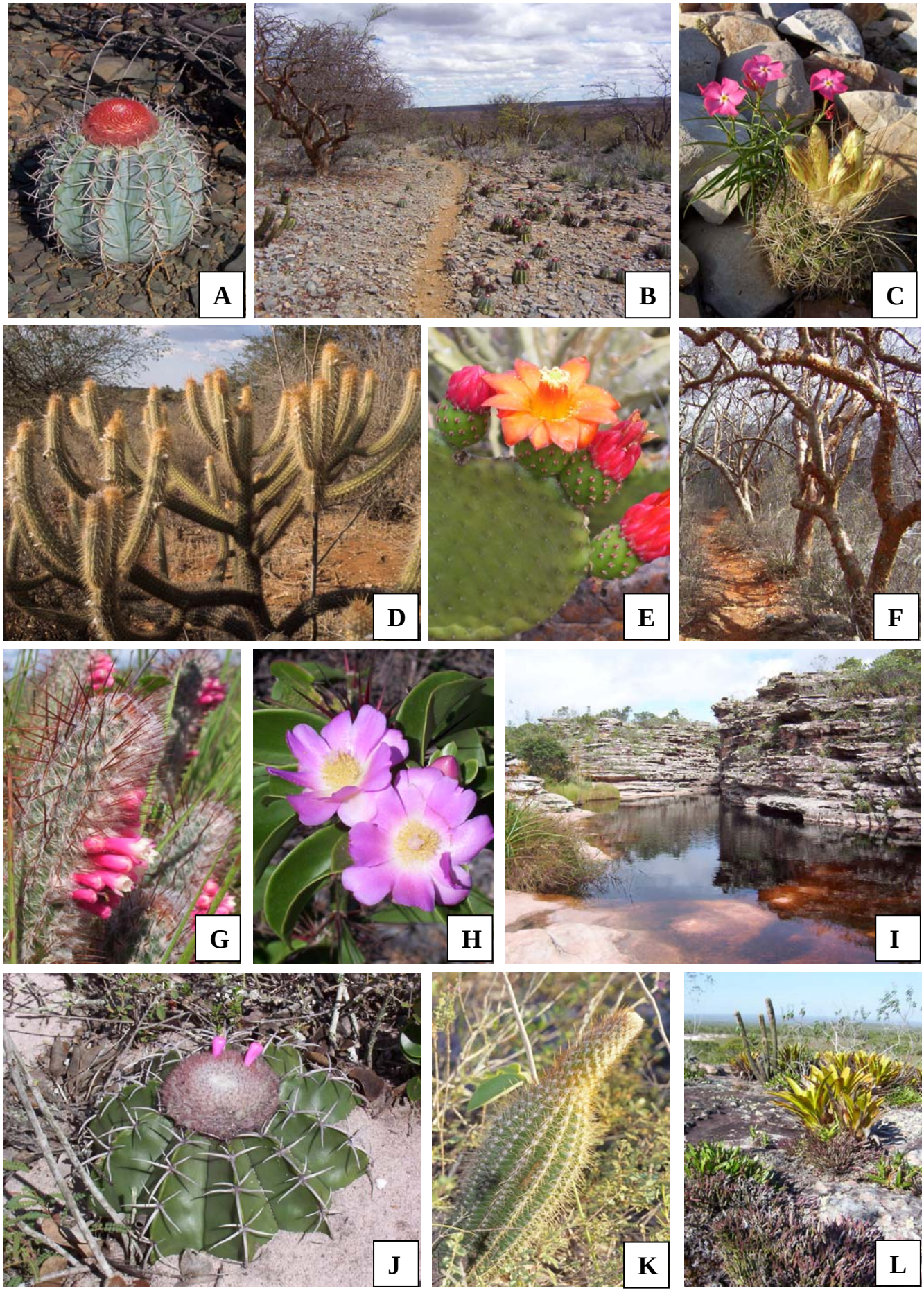
Post-Congress Excursion, 9. - 15. August, 2008

The city of Morro do Chapéu is located in the the central region of the state of Bahia, in the northern portion of the Chapada Diamantina, a mountainous range that spreads through Bahia. Due to its peculiar location, a number of different vegetation types are found in Morro do Chapéu, ranging from caatinga (dry deciduous forest to scrubland vegetation) in the drier western and northweastern parts to cerrado (Brazilian savanah) and campo rupestre (open, herbaceous to shrubby vegetation growing on sandy, stony soils and rock outcrops) in the higher areas and to evergreen forest in the eastern slopes. Due to this heterogeneity of the environments found in this region, a high diversity of succulent plants are to be found in Morro do Chapéu, including 37 taxa of Cactaceae, succulent bromeliads, orchids, Euphorbiaceae, and many other succulent and xerophytic plant species.

List cactus taxa occuring in Morro do Chapéu:

- *Arrojadoa penicillata*
- *Arrojadoa rhodantha*
- *Brasiliopuntia brasiliensis*
- *Cereus jamacaru*
- *Cereus albicaulis*
- *Discocactus bahiensis* subsp. *gracilis*
- *Discocactus zehntneri* subsp. *boomianus*
- *Epiphyllum phyllanthus*
- *Melocactus concinnus*
- *Melocactus ernestii* (*erythracanthus*)
- *Melocactus ferreophilus*
- *Melocactus glaucescens*
- *Melocactus pachyacanthus* subsp. *pachyacanthus*
- *Melocactus pachyacanthus* subsp. *viridis*
- *Melocactus paucispinus*
- *Melocactus oreas* subsp. *cremnophilus*
- *Melocactus* x *albicephalus*
- *Melocactus zehntneri*
- *Micranthocereus flaviflorus* subsp. *densiflorus*
- *Micranthocereus polyanthus* subsp. *alvinii*
- *Micranthocereus purpureus*
- *Pereskia bahiensis*
- *Pilosocereus catingicola*
- *Pilosocereus glaucochrous*
- *Pilosocereus gounellei*
- *Pilosocereus luetzelburgii*
- *Pilosocereus pachycladus*
- *Pilosocereus pentaedrophorus*
- *Pilosocereus tuberculatus*
- *Rhipsalis lindbergiana*
- *Selenicereus setaceus*
- *Stephanocereus leucostele*
- *Tacinga funalis*
- *Tacinga inamoena* x *T. werneri*
- *Tacinga inamoena*
- *Tacinga palmadora*
- *Tacinga werneri*

text and pictures by Marlon C. Machado



A – *Melocactus zehntneri*; **B** – habitat of *M. pachyacanthus*; **C** – *Discocactus zehntneri*; **D** – *Pilosocereus gounellei*; **E** – *Tacinga inamoena*; **F** – caatinga with *Bursera leptophleos*; **G** – *Micranthocereus polyanthus*; **H** – *Pereskia bahiensis*; **I** – campo rupestre near the Ferro Doido waterfall; **J** – *Melocactus paucispinus*; **K** – *Stephanocereus luetzelburgii*; **L** – view of campo rupestre with bromeliads and *Micranthocereus purpureus*