

طعامك هو الدواء

Your food is your medicine

同医
源食

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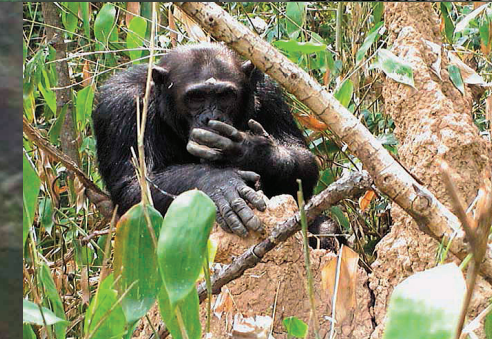
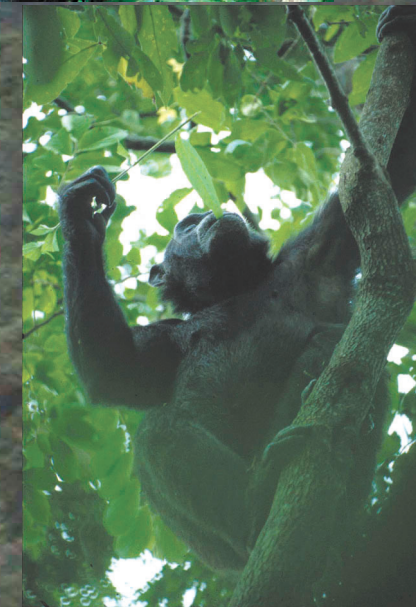
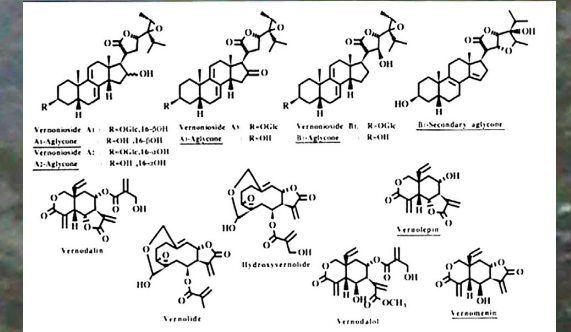
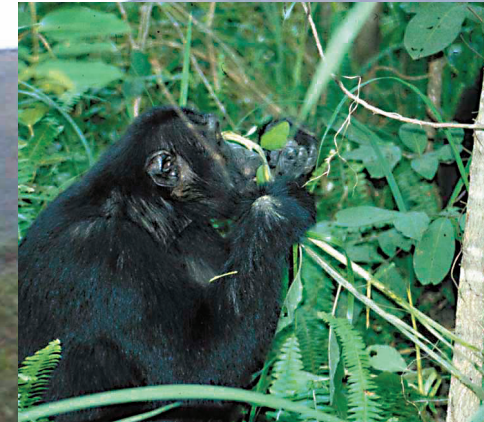
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A STUDY OF PRIMATE SELF-MEDICATION

Huffman (Ed.)

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(Cover design) Representation of the multi-disciplinary nature of this research, integrating field and laboratory work. Overlaid on a photo of the Mahale Mountains, Tanzania, where the majority of the work described in this publication was conducted, are the three representative Mahale chimpanzee self-medicative behaviors, bitter-pith chewing, whole leaf swallowing and geophagy (left to right, top to bottom). Mirrored to the right (right to left, top to bottom) are the major representative bioactive compounds from *Vernonia amygdalina* associated with bitter-pith chewing, the strongyle nematode *Oesophagostomum stephanostomum*, the recognized stimulus for both bitter pith-chewing and whole leaf swallowing at Mahale, and an SEM photo of the rough, hispid surface of *Lippia plicata*, one of the several species swallowed whole and responsible for expelling these nematodes.

(Page i) *C.H.I.M.P.P. stands for 'Chemo-ethology of Hominoid Interactions with Medicinal Plants and Parasite'. In the winter of 1991, this acronym for our budding research consortium (The C.H.I.M.P.P. Group) was conceived. Sitting out on the sandy beach of Lake Tanganyika on a calm evening just before dusk watching the sun set on the other side in Congo, Hajime Ohigashi, Koichi Koshimizu and I were celebrating another successful day with Mohamedi out in the forest collecting *Vernonia amygdalina* and other medicinal plant species to take back to Kyoto for analysis. For better or worse, we were inspired, or inspirited perhaps is more descriptive, by an incredible bottle of homemade sparkling pineapple wine, given to us by Edeus Massawe, the then acting director of the Mahale Mountains Wildlife Research Center. Thank You Eddy!