

465-W

INNOVATIONS IN FIELD METHODS

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In recent years, there has been an explosion in new technologies and innovative uses of low-tech methods to study animals in the wild. By bringing representatives of industry together with primatologists, we hope not only to disseminate information on cutting-edge field methods but to look beyond present techniques for solutions to problems. Speakers will discuss emerging technologies and creative low-tech observational and experimental methods. Toshi Muta (NHK) will discuss techniques and equipment used for filming in low-light conditions. Susana Carvalho (University of Cambridge) and Elisabetta Visalberghi (Istituto di Scienze e Technologie della Cognizione, CNR) will talk about experimental approaches to the study of nut cracking and voluntary weighing of wild primates. Margaret Crofoot (Smithsonian Tropical Research Institute) will discuss remote monitoring of primate movement and behavior using GPS and automated telemetry. Paco Bertolani (University of Cambridge) will talk about a system he developed for collecting data using mobile phones. Matt Reynolds (Duke University and ThingMagic Inc) will talk about peer to peer tagging and tracking with semi passive RFID. Stanley Tomkiewicz (Telonics, Inc) will explore ways to address the unique and specific issues involved in tracking and monitoring primates. Audience participation in the discussion is essential to our goals. Please come with your ideas, questions and concerns.

Keywords: Methods, Tool use, Tracking, Filming