

Study of Jiggers in Busoga: Tungiasis Prevalence rates in animals and infestation intensities in association with human tungiasis in endemic villages of Uganda

Project Team:

Francis Mutebi and Charles Waiswa,

Sentongo Elizabeth,

Jürgen Krücken and Georg von Samson-Himmelstjern

Hermann Feldmeier,

Collaborating Institutions

¹School of Veterinary Medicine and Animal Resources, College of Veterinary Medicine, Animal Resources and Biosecurity, Makerere University Kampala, Uganda

²Department of Medical Microbiology, School of Biomedical Sciences, College of Health Sciences Makerere University Kampala, Uganda

³Institute for Parasitology and Tropical Veterinary Medicine, Free University of Berlin, Berlin, Germany

⁴Centre for Humanities and Health Sciences, Faculty of Medicine, Free University of Berlin, Fabeckstrasse 60-62, 12203 Berlin, Germany

* Correspondences on this project should be sent to: Professor Himmelstjern Georg von Samson, Institute for Parasitology and Tropical Veterinary Medicine, Free University of Berlin, Berlin, Germany, Email: Gvsamson@fu-berlin.de

Implementing Partner Institution in Uganda

High Heights Initiatives (HHI)

Project Cost

This work started in 2014 and is still on going with an approximate project support of **USD 60,000** to Dr. Francis Mutebi through High Heights Initiatives

Project in Highlights

Fig: Map showing the location Bugiri District in Uganda, study area and sites where infections in humans and animals are common and where some villages were chosen for the study and Interventions

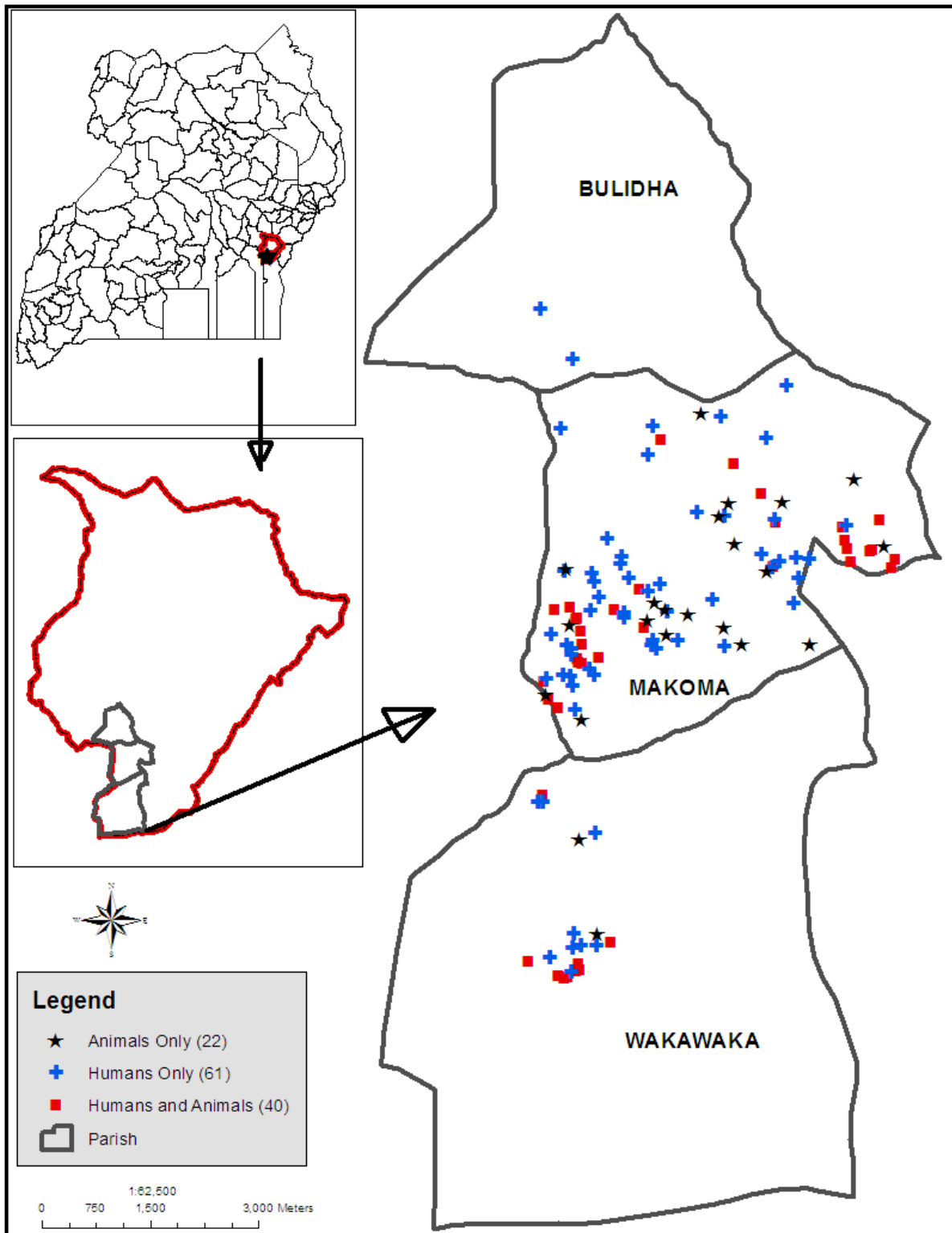


Fig: Proportions of households with infested animals and humans in the various villages

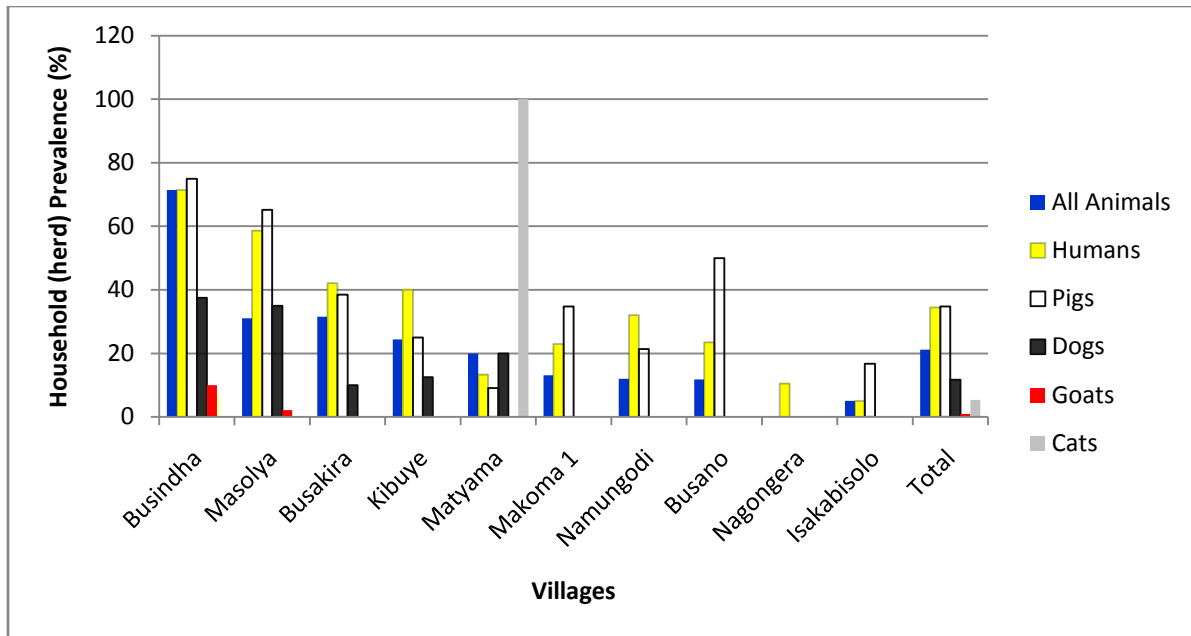


Fig: Correlation between age of infested dogs and the number of embedded sand fleas



Fig: Clustering of tungiasis lesions on the coronary band and hoof bulb of the pig associated with extensive necrosis and hoof deformity (Picture by Mutebi Francis)

Comment

Jiggers are a big problem for both animals and human in some areas of Uganda as evidenced by the pictures and graphs above.

Also, more information on this subject and operations in Uganda can be got from Dr. Francis Mutebi: ¹School of Veterinary Medicine and Animal Resources, College of Veterinary Medicine, Animal Resources and Biosecurity, Makerere University Kampala, Uganda.
francmutebi10@gmail.com

Compiled by

Prof. Charles Waiswa

Director

High Heights Services Ltd

hhsLtd@yahoo.com