

SUPPORT AFRICA INTERNATIONAL

Studies in sub-Saharan Africa

Sunday Paul Bako / Frank Olwari (eds.)

Promoting Non-Animal Protein Sources in Sub-Saharan Africa

An Interdisciplinary Study



PETER LANG

Internationaler Verlag der Wissenschaften

UT SCIENTIIS
ILLUMINENTUR GENTES AFRICAE

TABLE OF CONTENTS

Foreword to the series	5
Baldur Ed. Pfeiffer and Franz-Theo Gottwaldt	
Foreword	9
New non-animal protein products for human consumption in sub-Saharan Africa Franz-Theo Gottwald and Isabel Boergen	
Sustaining protein needs in sub-Saharan Africa through selected plant sources Emanuel Uzoma Onweremdu	11
Assessing the impact of plant-based protein products on human health and nutrition in sub-Saharan Africa Cyril Ifeanyi Duruigbo	20
New non-animal protein products for human consumption in sub-Saharan Africa Salifa Kamwagha	27
Plant-based protein product for improved human health and nutrition security in sub-Saharan Africa Ngozi E. Anozie	38
Promotion of new non-animal protein products for the consumption of women and children in sub-Saharan Africa M. A. Belewu and T. R. Fayeye	44
The legumes (soybeans) and other new non-animal protein products for human nutrition in sub-Saharan Africa Izuchukwu Innocent Ibeawuchi	58
Neglected and under-utilized pulse legume crops as potential source of protein of Lamwa County, Kitgum District (Uganda) Frank Olwari	69

An appraisal of some seeds and vegetables as lesser known potential sources of non-animal protein in northern Nigeria Sunday Paul Bako	81
Evaluation of mineral and amino acid composition of leaves of <i>ocimum gratissimum</i> (L.) U. G. Egesie, A. B. Adelaiye and O. J. Egesie	96
Adoption and diffusion of a new non-animal protein source: A case of yam minisett/maize/cowpea intercrop technology among farming households in Niger Delta, Nigeria Edet Joshua Udoh	101