Bambara Groundnut Collecting in Togo

G. Mergeai 1/

Introduction

In December 1984 and December 1985, 2 collecting missions for Bambara groundnut (Vigna subterranea) were carried out in These missions were funded by the University of Maryland, USA, and organized Direction de la Recherche by the Agronomique du Togo and IBPGR.

The missions took place 19-22 December 1984 in the Région de la Kara and 12-21 December 1985 in the Région des Savannes, Région de la Kara and Région Centrale. Following a collecting route of 5500 km, a total of 326 samples of Bambara groundnut was collected in 41 villages.

seasons which good growing prevailed in Togo in 1984 and 1985 permitted collection of adequate number of seed samples. Duplicate samples were sent to the University of Maryland, USA, and the International Institute for Tropical Agriculture (IITA), Nigeria.

The Bambara groundnut crop matures in December, but is earlier in the north than in the central region.

Method of sampling

Most of the samples gathered were of seeds brought by farmers from all parts of each village. Although this method is not the best sampling technique, it allowed for the collection of most of the existing variability. Only in a few cases were pods directly collected from the field.

Generally, farmers grow mixtures of seeds of different colours. Such samples sorted out into different imples. The interval between sampling sites was about 20 km but varied young people; however, this does not

slightly depending upon population density and topography.

Collection and exploration

3 of the 5 administrative regions of Togo were covered: Savannes, Kara and The importance of Bambara Centrale. groundnut is decreasing, but it is not yet threatened by genetic erosion. In most of the tribes, its consumption is associated with funeral ceremonies and in some tribes with fetish activities.

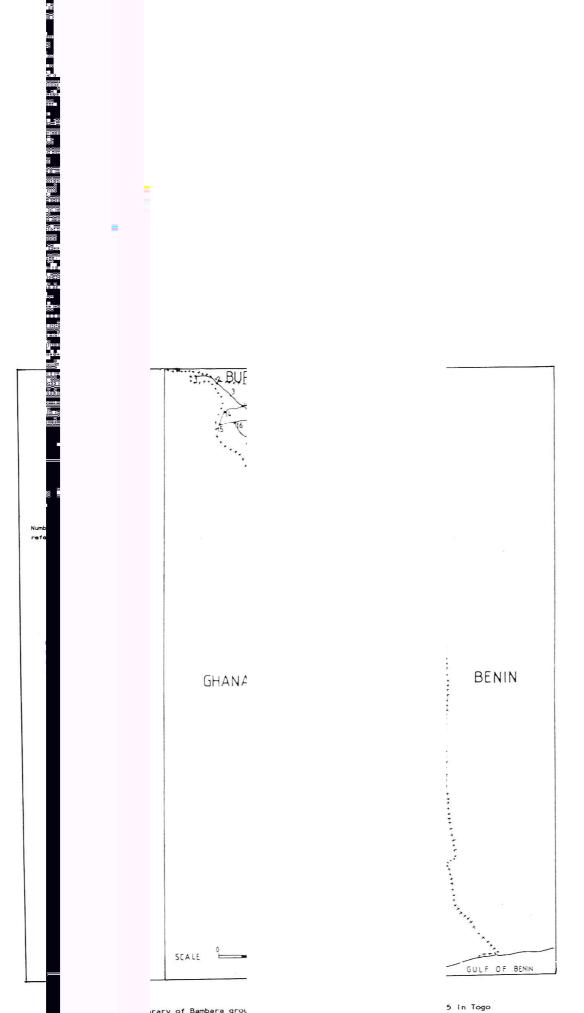
Bambara groundnut is more resistant to drought than groundnut (Arachis hypogaea), and was an important food source for people of the Katchamba region during the prolonged drought of 1983.

It is considered more nutritious than groundnut and mashed seeds are used as a medicine against diarrhoea. Nevertheless, farmers prefer to grow Arachis hypogaea because of its value as a cash crop. The market for Bambara groundnut is rather small in most regions and more than 80% of production is reserved for local consumption. Black-seeded types are more rarely grown because they are often linked with fetish activities, except in the Bassar region.

The seeds of Bambara groundnut can be made into small flat cakes, biscuits and mash. The seeds can also be eaten boiled or roasted and, after harvest, they are usually conserved in their pods which are shelled just before cooking or sowing. Bambara groundnut is less commonly grown south of Bassar and Sokode.

In the Moba tribe, the growing of traditional cultivars is forbidden

 $[\]underline{I}$ / IBPGR Intern based at time of writing in Togo



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In the northern areas of Togo, in addition to the large blackand white-seeded types introduced from Burkina Faso, 2 other cultivars with large seeds (red or white with a large black eye) originated from the Bassar region near the Ghana border; from there they have spread to north of the city of Mango.

These 3 high-yielding cultivars are grown by most of the people in their areas of distribution. These tribes currently cultivate the new cultivars along with their traditional small-seeded and smooth pod-types.

A type with small light brown-to-orange coloured seeds and smooth pods seems to have come from the Lamba region (slightly further north than Kara). A type with small purple mottled seeds is known to produce the highest number of seeds per plant; it seems to have come from the Kabie region. In the south the main types are white, and of small-to-medium size; these originated with the Anas people who brought the seeds from the Yoruba area in Nigeria during the late 19th century.

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Regions

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, All the cultivars collect. . Operational selection in wild Bambara groundnuts. Ghana J. of Sci.,

Tl. missions de collecte effectuées au Togo en 1984 et 1985 au cours differed in morphology (growt de pois de terre furent recoltées. L'agronomie, l'ethnobotanique et la it révisées.

> realizado durante dos misiones de corta duración en Togo, en los años e 236 accesiones de bambarra fueron recolectados. La agronomía, la