

# bees for babar

The **bees for babar** society consists of a small number of volunteers in Canada reaching out to improve village life for subsistence farmers living in northern Ghana.

Our grassroots society provides micro loans tied to education and training to support small scale beekeeping in rural areas – in order to protect crops frequently destroyed by wildlife.

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**THE WORD 'BABAR' IN THE GONJA LANGUAGE OF NORTHERN GHANA, MEANS "COME TO MY AID".**

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**bees for babar** ... a project which promotes conservation, eco-tourism & beekeeping as income-generating activities in developing countries.

This idea first came to Mohammed Ali Ibrahim, a Ghanaian apiculturist, and Conrad Bérubé, a Farmer-to-Farmer volunteer, in 2003 while working on a beekeeper training program in Tamale, Damango District, Ghana.

They had noticed that when large animals, such as elephants, disturb African honeybees, the bees fiercely defend themselves by stinging the sensitive ears and nostrils of the disruptive animal. Once stung, the elephants quickly learn to avoid cultivated plots 'protected' by beehives. Thus, the presence of hives reduces conflict between agricultural areas and wildlife coming from nearby parks. In this way, beekeeping can drastically reduce crop losses.



In addition, beekeeping provides other benefits; such as, providing supplemental income to farmers through increased crop productivity (due to increased levels of pollination), and the sale of honey and beeswax.

Ali and Conrad met with park personnel in Mole National Park near Tamale, to discuss using bees to keep elephants away from garden plots and planted crops.

## Protecting crops will protect wildlife

While elephants can cause considerable damage to crops and regenerating forests, other wildlife, such as impala and monkeys, can also cause losses. All animals can be 'trained' by honeybees to avoid these areas.



To protect gardens and crops, villagers sometimes shoot wildlife. **Fewer animals will be killed, if they're driven away by bees,** and 'trained' to stay away by the ongoing presence of hives.

As wildlife conflicts are reduced, and individual **farmers reap the benefits associated by increased crop security,** the proximity of game reserves will be appreciated as an asset, rather than a liability. Since many villages are near national parks or game reserves, changed attitudes can lead to increased participation in the eco-tourism industry.

In this way, **bees for babar** hopes to promote and integrate wildlife appreciation and conservation with eco-tourism, increased food security, and supplemented incomes – by simply investing in bees and beekeeping.

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**ALL DONATIONS TO BfB GO INTO A ROTATING CREDIT FUND TO PURCHASE MATERIAL FOR THE CONSTRUCTION OF HIVES AND BEEKEEPING EQUIPMENT, AND TO TRAIN VILLAGERS IN BEEKEEPING AND RELATED BUSINESS SKILLS.**

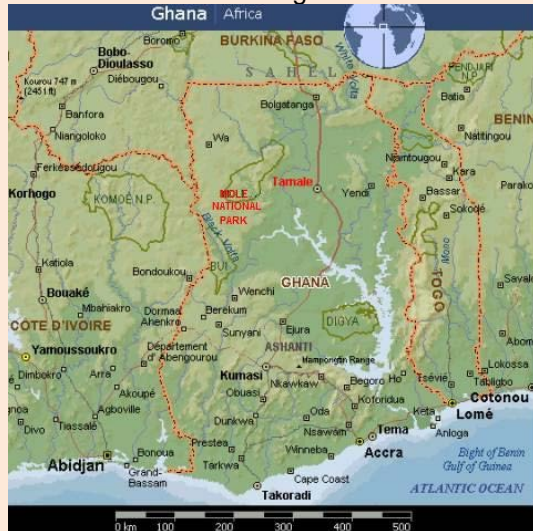
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## Low costs lead to big rewards

The Society is committed to responsible use of natural resources, including funds earmarked for stewardship of all resources. **bees for babar** is investigating ways to 'make every dollar count.'



The **bees for babar** society is a not-for-profit organization registered in British Columbia, Canada. The five directors and several Society members have worked in conservation or development projects in Africa and have learned that small investments can have significant outcomes.



It is crucial for the long-term success of **bees for babar** that the project develop local expertise. Community consultation and participation has been key to developing goals and instilling a sense of ownership.



Seidu Pasor has become a community leader and beekeeping technical expert and regularly conducts training courses, often with women's cooperatives.



THE LOCAL STRAIN OF BEE IN GHANA IS *APIS MELLIFERA ANDONSONII*. THIS SPECIES IS MORE DEFENSIVE THAN HONEYBEES COMMONLY USED IN NORTH AMERICA AND EUROPE – BUT, IT IS WELL-ADAPTED TO NATURAL CONDITIONS IN TROPICAL AFRICA.



WILD ELEPHANTS CAN BECOME HABITUATED TO HUMAN PRESENCE—GOOD FOR TOURISM BUT POTENTIALLY DISASTROUS TO LOCAL FARMING.



SALES OF HONEY AND BEESWAX FROM HIVES SUCH AS THAT ABOVE CAN INCREASE INCOME FOR LOCAL FARMERS AS WELL AS DISSUADE ELEPHANTS FROM CONSUMING CROPS NEEDED TO SUSTAIN FARMING FAMILIES.



Photographs contributed by Conrad Bérubé, Mohammed Ali Ibrahim and Seidu Pasor

FOR FURTHER INFORMATION, PLEASE CONTACT:

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