

## Project Update: July 2009

Populations and plants of *Mammea suriga*, *Embelia ribes*, *Dysoxylum malabaricum*, *D. binecteriferum* and *Canarium stritum* were identified after a field survey in Uttara Kannada district. Three populations of *M. suriga* (all in the coastal zone of Uttara Kannada district) and three populations of *E. ribes* (all in the evergreen forests) have been identified and individual plants have been labelled. Seeds of *M. suriga* and *E. ribes* were collected in sufficient quantities to initiate a nursery trial. An experiment to standardize seed germination has been initiated for both species. The germination of seeds of *Mammea suriga* started about 40 days after sowing. About 3 % of the 260 seedlings scored showed double seedlings suggesting that they may be of poly-embryonic origin.

It has been reported that the seeds of *E. ribes* show a very low germination. In order to improve the seed germination, an experiment has been undertaken in which 17 seed pre-sowing treatments have been done. In order to increase the viability of the seeds under storage, an experiment has been initiated.



a. Seeds of *Dysoxylum malabaricum* b. Fruits of *Dysoxylum malabaricum*  
c. Double seeds of *Mammea* d. Twin seedling of *Mammea*