

STAB2042
Molecular Approaches in Conservation

Practical 3

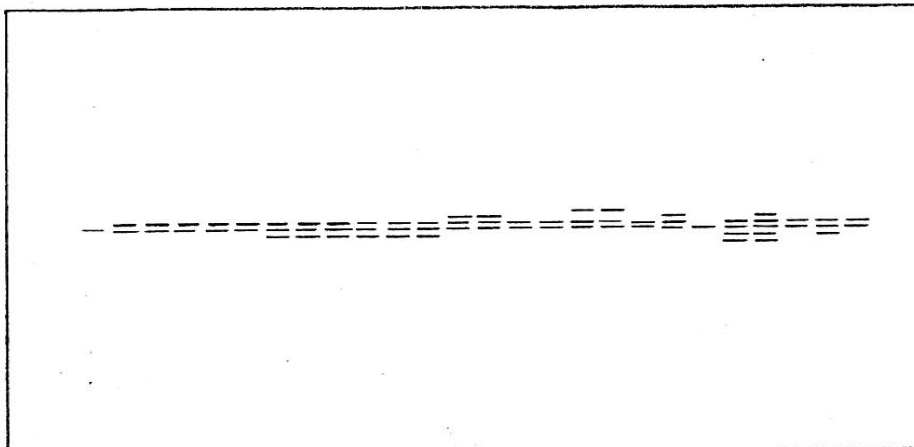
RAPD Analysis

The genetic variation of three langsat varieties (Vietnam, Myanmar and Thailand) was studied using two random primers OPB-13 and OBB-16. The RAPD profiles generated for each variety are showed in Figures 1-6.

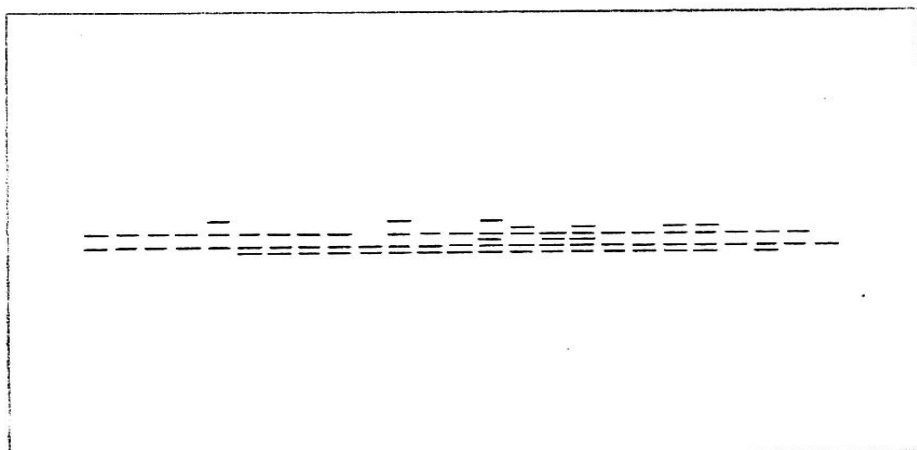
Questions:

1. Compare the number of polymorphic RAPD loci for each variety.
2. Determine the Shanon Diversity Index for each variety.
3. Describe the differences of genetic variation (if there is) among the langsat varieties.

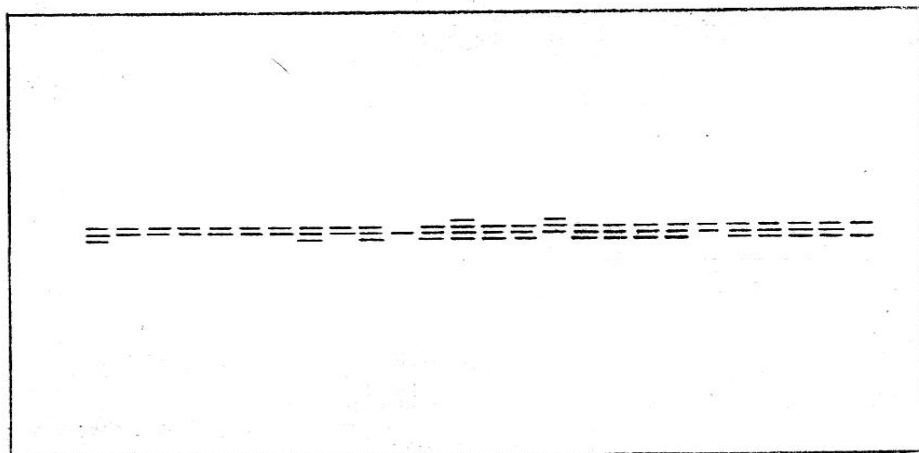
Primer OPB-13



Vietnam

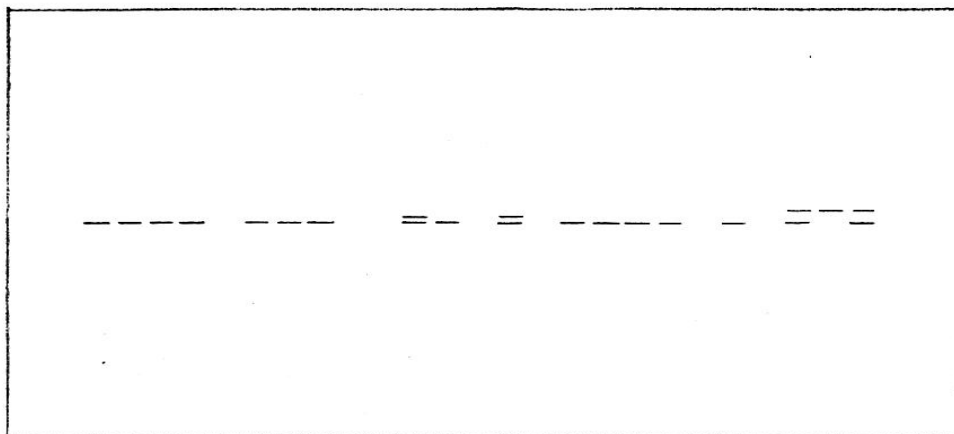


Myanmar

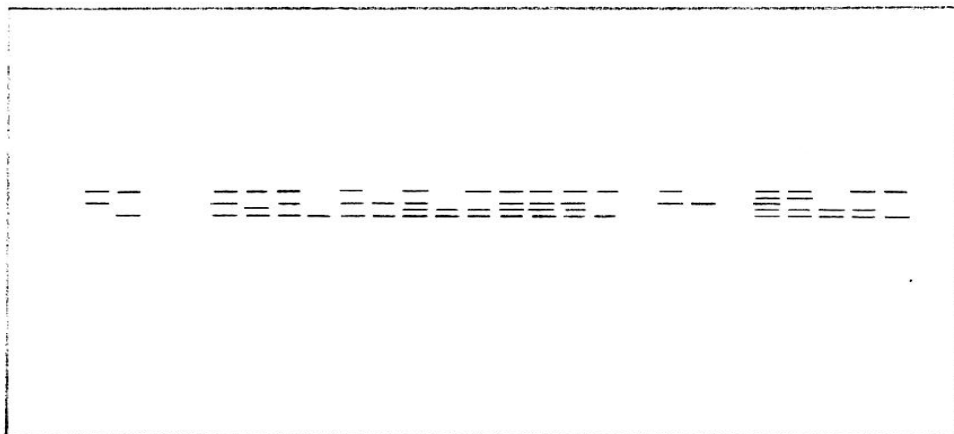


Thailand

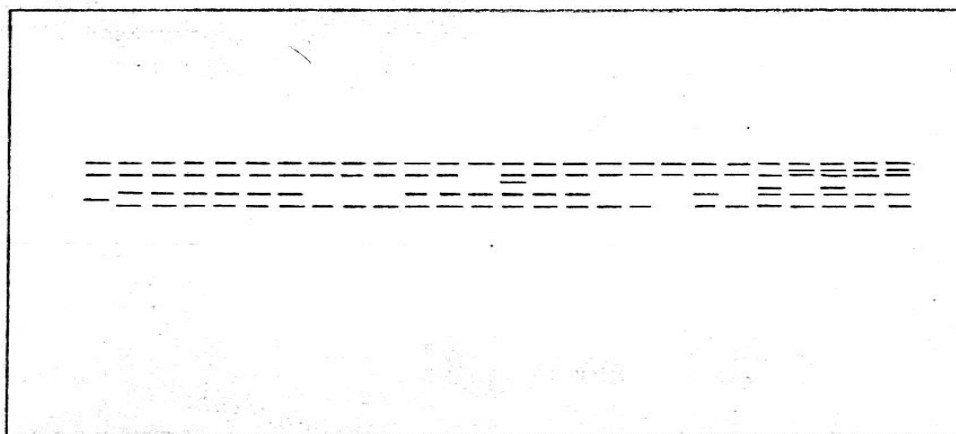
Primer OBB-16



Vietnam



Myanmar



Thailand