Homework Assignment (Adegenet package)

Based on what was covered in class this week, you will be creating a scatterplot of the dapcIllus data set “a.” You will need to open the data set like we did in class and then complete the follow steps.

1. Use the find.cluster function to determine the number of groups present (Use 200 for the number of PCs).
2. Next, create a table using the table.value function to see if the groups contained in your output match the actual groups.
3. Final, use the dapc function to complete a Discriminant analysis on the output from the find.cluster, and use the scatter function to create the scatterplot.