Problem 1:

R.styleable

Solution : <https://stackoverflow.com/questions/54316458/problems-at-r-styleable-while-integrating-native-opencv-to-android-studio>

With OpenCV 3.2 configuration could be actually quite short:

set(OpenCV\_STATIC ON)

set(OpenCV\_DIR ${OPENCV\_HOME}/sdk/native/jni)

find\_package (OpenCV REQUIRED)

target\_link\_libraries(native-lib ${OpenCV\_LIBS})

That is it, 4 lines and no need to copy anything into your project. Just be sure that OPENCV\_HOMEpoints to the directory where OpenCV Android SDK is located.

One additional benefit of this approach - you can link with OpenCV statically, which would dramatically reduce the size of your app/library.

I used this approach in one of Github projects: <https://github.com/Fotoapparat/FaceDetector>

<https://stackoverflow.com/questions/38958876/can-opencv-for-android-leverage-the-standard-c-support-to-get-native-build-sup>

https://stackoverflow.com/questions/54967251/how-can-i-integrate-opencv-4-0-into-a-pure-c-android-ndk-project