QGIS Application - Bug report #6291
python API provides removed blueBandName() for QgsRasterLayer (returning NULL)

2012-08-31 04:08 AM - Marco Lechner

Status:	Closed			
Priority:	Normal			
Assignee:				
Category:	Python plugins			
Affected QGIS version:	master	**Regression?:**	No	
Operating System:		**Easy fix?:**	No	
Pull Request or Patch supplied:	No	**Resolution:**	fixed/implemented	
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	15589	

Description

QgsRasterLayer('/myraster.tif',"raster") has .blueBandName() but no redBandName, greenBandName or grayBandName anymore. blueBandName should be removed, because it is not available in RasterdataProvider class (anymore?).

Try thisin python:

```
from qgis.core import *
QgsApplication.setPrefixPath("/usr",True)
QgsApplication.initQgis()
QgsApplication.registerOgrDrivers()
layer = QgsRasterLayer('/myGeoTIFF.tif',"raster")
print dir(layer)
print layer.blueBandName()
print layer.redBandName() #crashes
for i in range(layer.bandCount()):
    print layer.bandName(i)
```

Btw: I wonder when colorBandName() was removed from API

History

#1 - 2014-06-28 07:42 AM - Jürgen Fischer

- Target version changed from Version 2.0.0 to Future Release - Lower Priority

#2 - 2015-12-13 04:16 AM - Médéric RIBREUX

- Resolution set to fixed/implemented

- % Done changed from 0 to 100

- Status changed from Open to Closed

Hello, bug triage...

in QGIS 2.13 master (and probably in earlier versions), there is no blueBandName method for QgsRasterLayer object anymore.

I am closing this bug.