QGIS Application - Bug report #17442
Categorized style issue using numeric fields with NULL values

2017-11-10 02:08 PM - Geo Dev

Status:	Closed			
Priority:	High			
Assignee:	Alessandro Pasotti			
Category:	Symbology			
Affected QGIS version:	2.18.14	**Regression?:**	Yes	
Operating System:		**Easy fix?:**	No	
Pull Request or Patch supplied:		**Resolution:**	fixed/implemented	
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	25339	

Description

When a vector layer is classified using the categorized style on numeric fields with NULL values, unchecking the blank/NULL class (using shapefiles) or the "0" class (using other data formats) makes also the features of the other classes invisible.

Steps to replicate the issue:
- create a shapefile layer with a numeric (integer or real) field named A
- start editing
- add three features: the first with A=1, the second with A=2 and the third with A=NULL (no value)
- save and stop editing
- open the Vector Properties Dialog - Style tab (don't use the Layer Styling Dock)
- classify the layer using the categorized style on the field A: the classes "0", "1", "2" and "blank" are automatically created
- uncheck or remove the class "blank": all the features of the layer disappear
- uncheck or remove the class "0": the other checkboxes return to work properly

Using PostGIS, SpatiaLite or GeoPackage layers the behavior is slightly different. The "blank" checkbox works properly but unchecking the class "0" the features of the classes "1" and "2" disappear.

The issue doesn't occur:
- using the Layer Styling Dock
- saving and reopening the project with the style already set

The issue is OS independent and also occurs in QGIS 2.14.20 and QGIS 2.18.14.

Associated revisions

Revision 29abd9d3 - 2017-11-24 08:54 AM - Alessandro Pasotti

[bugfix] Categorized style issue using numeric fields with NULL values

Fixes #17442

Revision cf009252 - 2017-11-27 06:15 PM - Alessandro Pasotti

[bugfix] Categorized style issue using numeric fields with NULL values

Backported from master PR 5720

Fixes #17442

History

#1 - 2017-11-13 01:48 PM - Giovanni Manghi

- Regression? changed from No to Yes

- Affected QGIS version changed from master to 2.18.14

Ugly bug... wasn't an issue in 2.8 and 2.12... likely to have surfaced at some point in 2.14(?).

#2 - 2017-11-23 02:08 PM - Alessandro Pasotti

- Assignee set to Alessandro Pasotti

looking ... if you want to make life easier for developers, please always attach a minimal project and sample file to reproduce the issue.

#3 - 2017-11-23 02:15 PM - Alessandro Pasotti

sorry, ignore my previous comment, the manual creation of the layer is probably required to reproduce the issue.

#4 - 2017-11-24 09:07 AM - Alessandro Pasotti

- Status changed from Open to In Progress

- Pull Request or Patch supplied changed from No to Yes

PR: https://github.com/qgis/QGIS/pull/5720

Backport will follow ...

#5 - 2017-11-24 09:24 AM - Anonymous

- Status changed from In Progress to Closed

- % Done changed from 0 to 100

Applied in changeset commit:qgis|29abd9d3f990a42c0f7e5a46c88e228fd032082b.

#6 - 2017-11-24 01:45 PM - Giovanni Manghi

- Resolution set to fixed/implemented