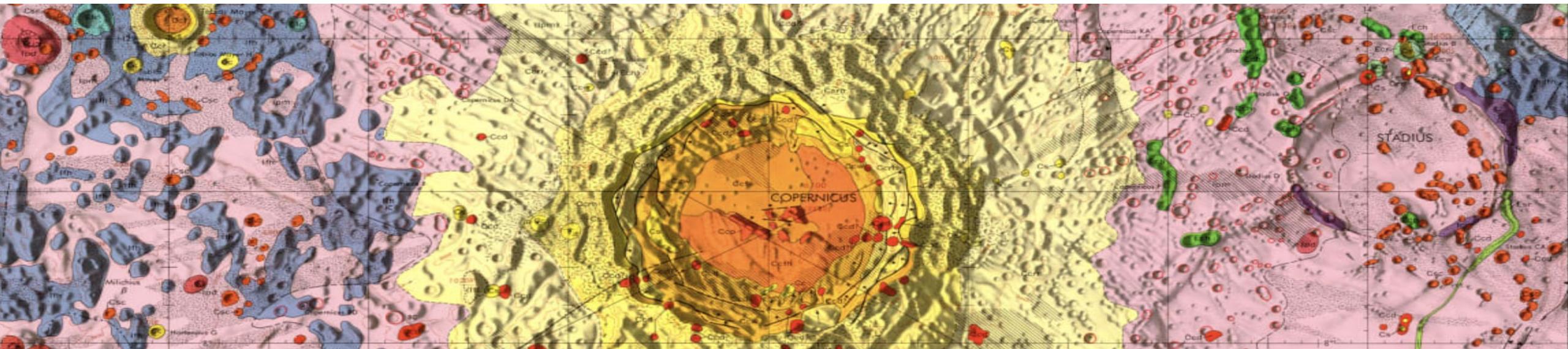
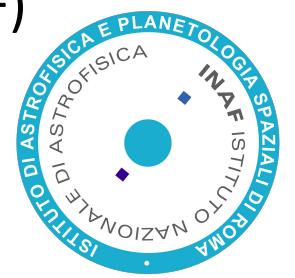


gsymblib: Geologic symbols library and development for QGIS



Alessandro Frigeri

Istituto di Astrofisica e Planetologia Spaziali, Istituto Nazionale di Astrofisica (IAPS/INAF)
Roma - Italy





Motivation

- Geologic mapping (terrestrial and planetary) needs specific symbols
- Every geologic survey / agency develops and requests a specific standard
- Improve the QGIS capabilities representation of geologic maps



Gsymplib

- offers a library of geologic symbols for QGIS ordered by:
 - Authority
 - Code
 - Description
- A framework to contribute incrementally to the existing symbols:
 - Adding new symbols or symbol sets
 - Improve existing ones
 - Implement new standards

Currently available symbol list: <https://github.com/afrigeri/geologic-symbols-qgis/blob/master/STATUS.md>



Favorites

All

Tags

- fgdc
- geology
- imported

Smart Groups

17.001: Outline of slip surface of landslide —Identity and existence certain, location accurate

25.001: Contact, planetary - Location accurate

25.002: Contact, planetary - Location approximate

25.003: Contact, planetary - Location inferred

25.004: Contact, planetary - Location concealed

25.005: Fault, planetary, sense of offset unspecified - Location accurate

25.005: prova di un nome molto lungo cosi' da poter scrivere anche una frase

25.006: Fault, planetary, sense of offset unspecified - Location approximate

25.007: Fault, planetary, sense of offset unspecified - Location inferred

25.008: Fault, planetary, sense of offset unspecified - location concealed

25.009: Normal fault, planetary - Location accurate. Ball and bar on downthrown block

25.010: Normal fault, planetary—Location approximate. Ball and bar on downthrown block

25.011: Normal fault, planetary—Location inferred. Ball and bar on downthrown block

25.012: Normal fault, planetary—Location concealed. Ball and bar on downthrown block

25.013: Strike-slip fault, planetary, right-lateral offset—Location accurate. Arrows show relative motion

25.014: Strike-slip fault, planetary, right-lateral offset—Location approximate. Arrows show relative motion

25.015: Strike-slip fault, planetary, right-lateral offset—Location inferred. Arrows show relative motion

25.016: Strike-slip fault, planetary, right-lateral offset—Location concealed. Arrows show relative motion

25.017: Strike-slip fault, planetary, left-lateral offset—Location accurate. Arrows show relative motion

25.018: Strike-slip fault, planetary, left-lateral offset—Location approximate. Arrows show relative motion

25.019: Strike-slip fault, planetary, left-lateral offset—Location inferred. Arrows show relative motion

25.020: Strike-slip fault, planetary, left-lateral offset—Location concealed. Arrows show relative motion

25.021: Thrust fault, planetary—Location accurate. Sawteeth on upper plate

25.022: Thrust fault, planetary—Location approximate. Sawteeth on upper plate

25.023: Thrust fault, planetary—Location inferred. Sawteeth on upper plate

Add Tag...

Add Smart Group...

Modify Group

Import / Export

Help

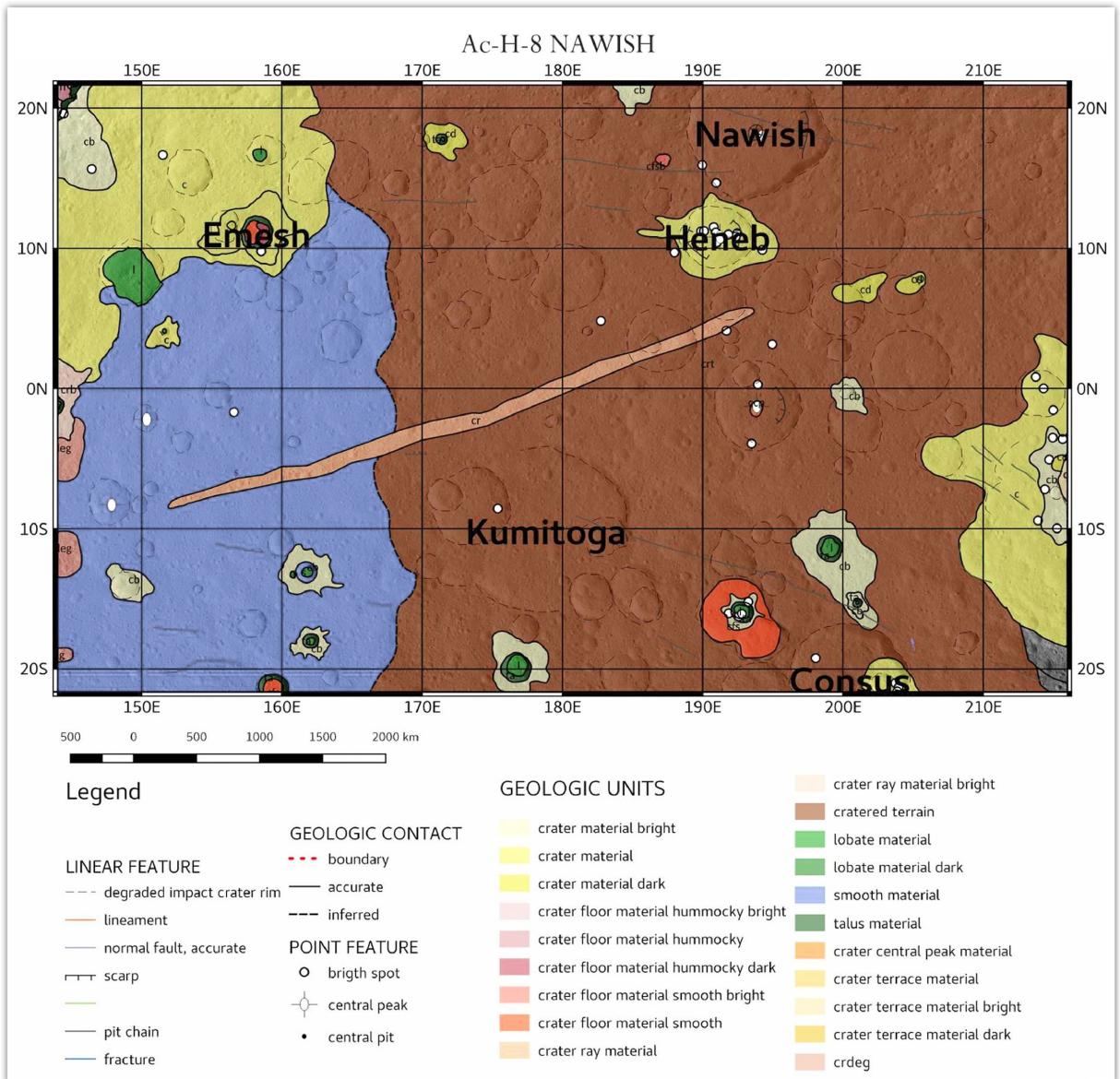
All Marker Line Fill Color Ramp

Filter symbols...

Close

Simboli attualmente disponibili: <https://github.com/afrigeri/geologic-symbols-qgis/blob/master/STATUS.md>

Made in QGIS with the first symbol-set of gsymlib





Gsymplib

Version 1.0 with 130+ FGDC symbols for planetary geology:

<https://github.com/afrigeri/geologic-symbols-qgis>

- Community contributed
- Issue tracking used for symbol submission/discussion
- Hackaton / symbol development parties during workshop
(<http://www.openplanetary.org>)
- Openness towards geologic surveys / societies