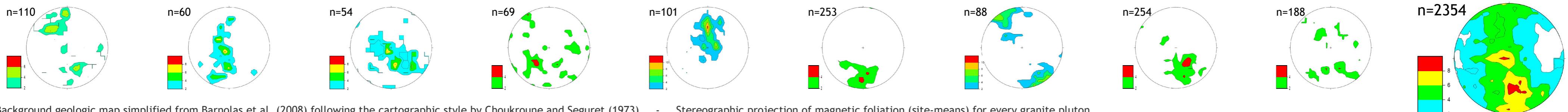
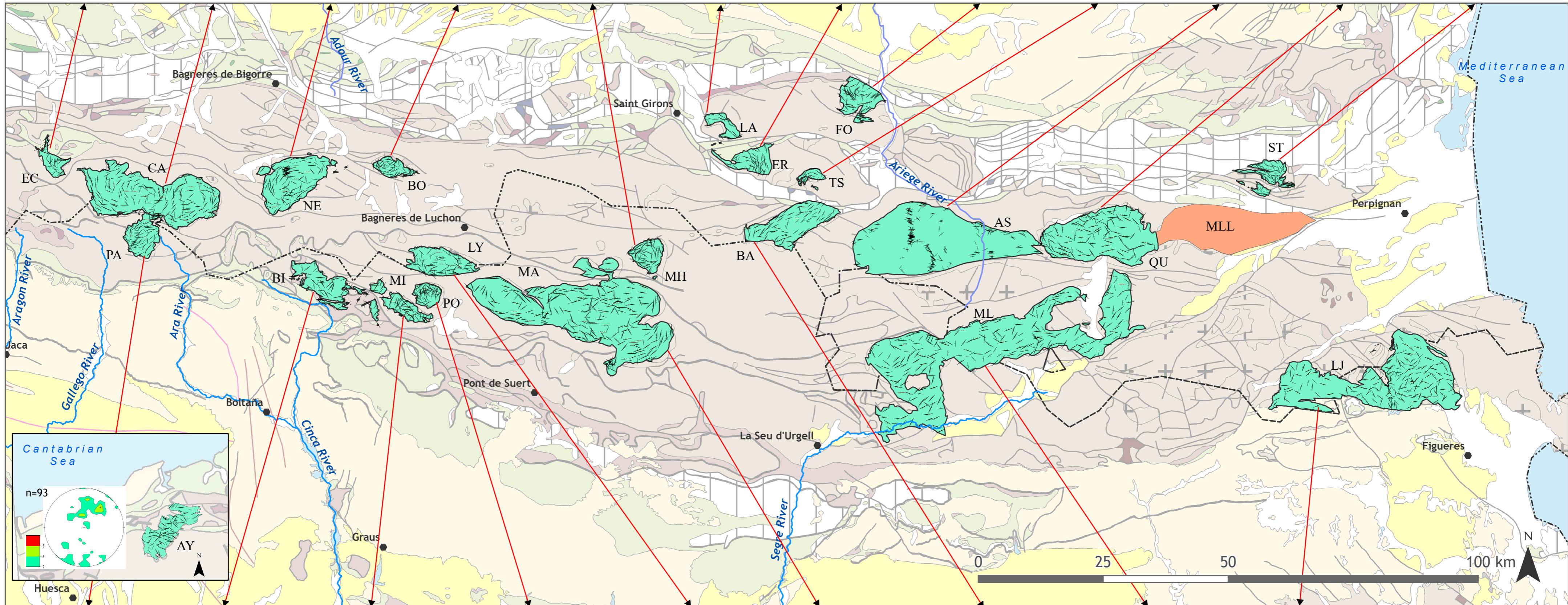
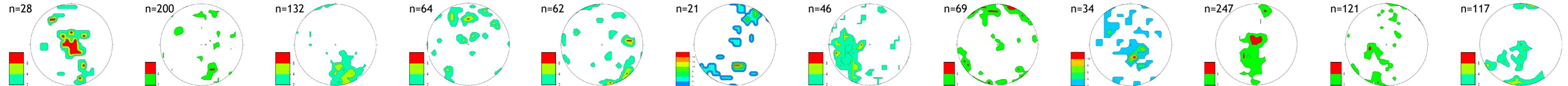


Magnetic Foliation in Pyrenean Plutons

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Background geological map simplified from Barnolas et al. (2008) following the cartographic style by Choukroune and Seguret (1973) - Stereographic projection of magnetic foliation (site-means) for every granite pluton.

Basemap Legend (Barnolas et al., 2008):

- Quaternary
- Continental Tertiary
- Marine Tertiary
- Upper Cretaceous
- Jurassic-Lower Cret.
- Triassic
- Hercynian basement
- Granites
- Anticline
- Syncline
- Thrust
- Cities
- Rivers
- Borderline

Magnetic Foliation

- 1 - 30°
- 31 - 60°
- 61 - 90°
- No data

AMS data

"n" : number of sites considered

Plutons and References

- AS: Aston (Denèle, Y., et al., 2009. Tectonophysics 477, 244-261)
- AY: Aya (Olivier, P., et al., 1999. J. Geol. Soc. London, 156, 991-1002)
- BA: Bassiès (Gleizes, G., et al., 1991. J. of Geophys. Res., 96, 755-762)
- BI: Bielsa (Román-Berdiel, T., et al., 2004. J. of Struc. Geol., 26, 2004, 654-677)
- BO: Bordères (Gleizes, G., et al., 2006. Int. J. Earth Sci. 95: 1039-1052)
- CA: Cauterets (Gleizes, G., et al., 1998. J. of Structural Geology, Vol 20, N°9/10, pp 1229 to 1245)
- EC: Eaux Chaudes (Izquierdo-Llavlai, E., et al., 2012. Int. J. Earth Sci., 101(7), 1817-1834)
- ER: Ercé (Gleizes, G. 1990. These de doctorat. Université de Toulouse III)
- FO: Foix (Bouché, J.L., et al., 1990. Tectonophysics 184, 157-171)
- LA: Lacourt (Gleizes, G., et al., 1992. Bull. Soc. Hist. Nat. Toulouse, 128: 53-57)
- LS: La Jonquera (Olivier, P., et al., 2015. J. of Struct. Geol.)
- LY: Lys (Hilario Orús, A., 2004. Tesis Doctoral, Universidad del País Vasco)
- MA: Maladeta (Leblanc, D., et al., 1994. J. of Struc. Geol. Vol 16, n°2, pp 223 to 235)
- MH: Marimanya (Antolín-Tomás, B., et al., 2006. Int. J. Earth Scie.)

MI: Millares (Román-Berdiel, T., et al. 2006. Geodinamica acta 19/3-4, 197-211)

ML: ML-Andorra (Gleizes, G., et al., 1993. J. Geophys. Res., 98: 4317-4331)

MLL: Millas

NE: Néouvielle (Gleizes, G., et al., 2001. Int. J. Earth Sci., 90: 325-340)

PA: Panticosa (Gleizes, G., et al., 1998. J. of Struc. Geol., Vol 20, N°9/10, pp 1229 to 1245)

PO: Posets (Hilario Orús, A. 200. Tesis Doctoral, Universidad del País Vasco)

QU: Quérigut (Auréjac, J.-B., et al., 2004. Bull. Soc. géol. Fr., 175, 2: 157-174)

ST: Saint Arnac (Olivier, P., et al., 2008. J. of the Geo. Soc., V 165, p 141-152)

TS: Trois Seigneurs (Gleizes, G. 1990. These de doctorat. Université de Toulouse III)

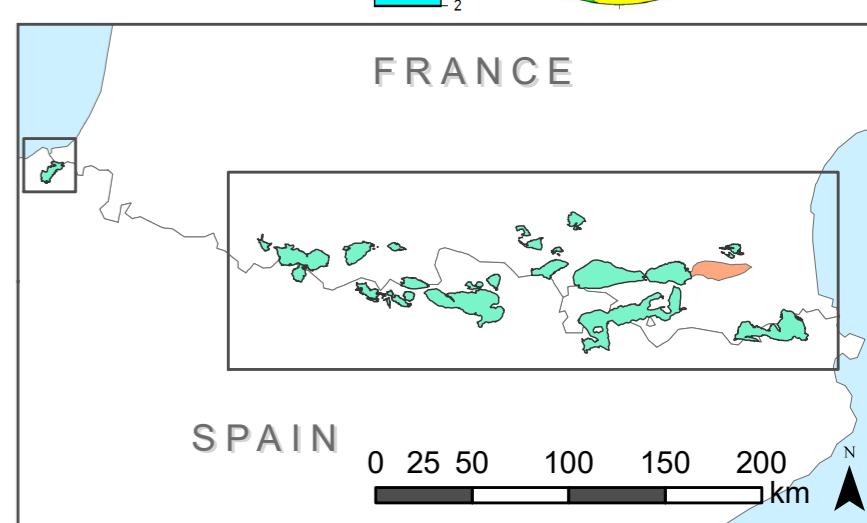
Source of information:

- Barnolas et al., (2008): "Mapa Geológico de los Pirineos a escala 1:400.000", IGME, BRGM
- Choukroune, P. et al., (1973): "Carte structurale des Pyrénées 1:500.000," University of Montpellier-ELF Aquitaine.

- Porquet-Pardina, M., (2014): "Sistema de Información Geográfica de las propiedades magnéticas de los granitos del Pirineo" - MSc thesis. University of Zaragoza.

Mapping following the Aragonian Government regulations. ETRS89 datum - Date: October 2014

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