

**“Santa Maria del Giudice” Tectonic Unit**  
**Formazione delle Quarziti del Monte Serra - Membro delle Quarziti Viola Zonate (QMS4)**

Outcrop along western side of path 117 (Monte Pisano Hiking trails map), locality “Il Sugherone”, at the head of the valley.



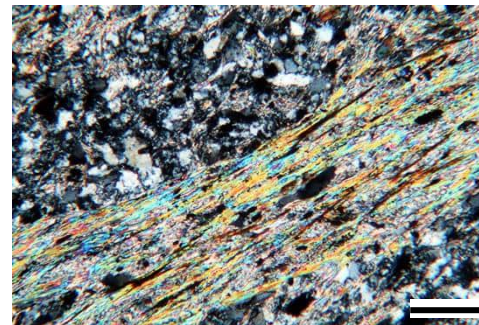
Upper portion of violet quartzite member. Well foliated purple grey phyllite levels ranging from millimetre to centimetre in thickness alternating with thin arenaceous levels.

**MP10B**

43°45'56.04"N, 10°27'28.39"E



Purplish grey phyllite with arenaceous siltite levels showing yellowish alteration patinas. Finely spaced cleavage with millimetre-sized detrital muscovite grains, still recognizable on the foliation plane



Very-fine grained foliation (< 80 µm) with alternance of micaceous-rich and quartz-rich layers with clastic grains.

scale bar: 0.3 mm