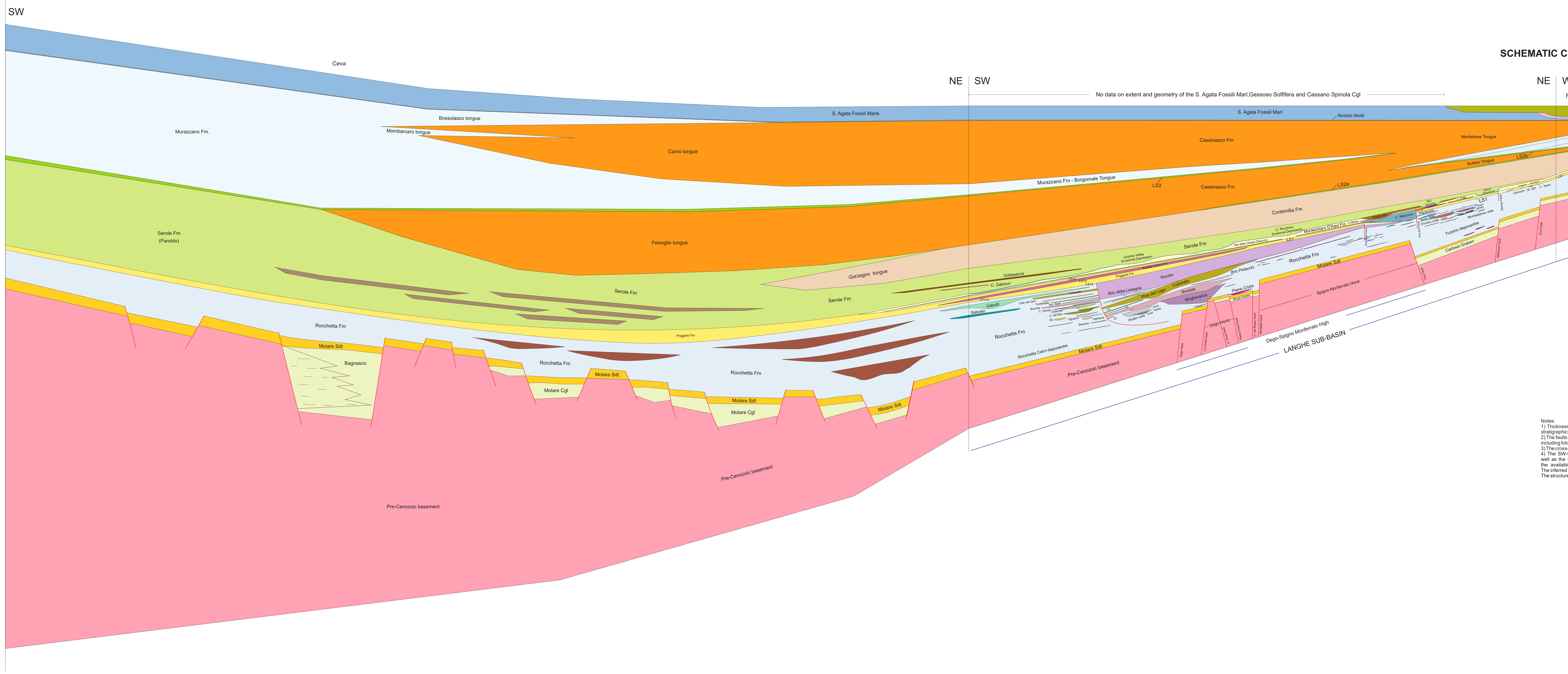
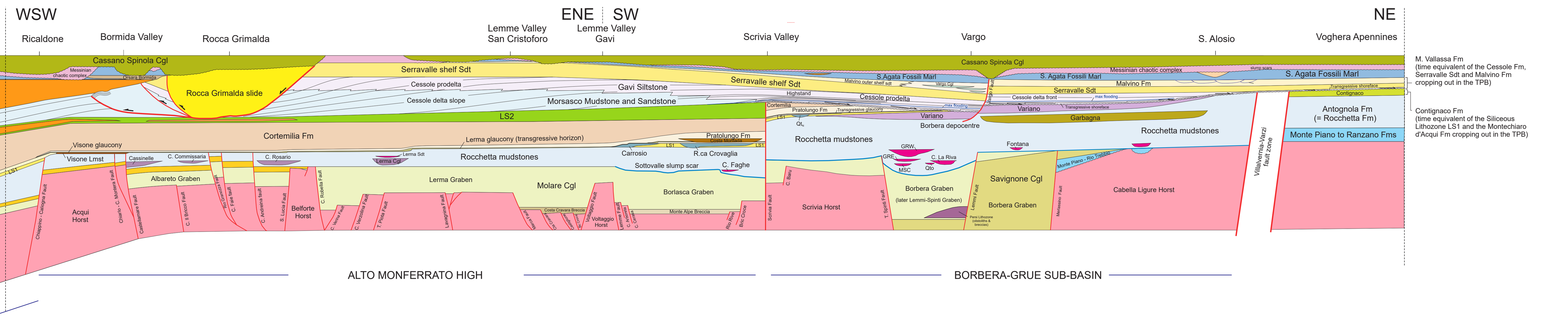
PLATE VIII *in Ghibaudo, G., Massari, F., and Chiambretti, I., 2019, Geology of the southern Tertiary Piedmont Basin: Journal of Mediterranean Earth Sciences, Vol. XI*

EXTENDED CROSS-SECTION OF THE SOUTHERN PART OF THE TERTIARY PIEDMONT BASIN



SCHEMATIC CROSS-SECTION OF THE SOUTHERN PART OF THE TERTIARY PIEDMONT BASIN



Notes:
1) Thickness and lateral extent of the units are approximate. The inferred stratigraphic relationships are indicative. Due to graphic requirements and for sake of simplicity some minor stratigraphic units are not represented.
2) The faults post-dating the Serole and Cortemilia formations (except for the Scrivia Fault) are not represented. The structures generated by compressional and transpressional deformation, including folds, inverse faults and thrusts, are not indicated for sake of simplicity;
3) The cross-section shows schematically the relative position and dimensional characteristics of the sedimentary bodies encased in the Rocchetta Fm.
4) The SW-ward termination of the main middle Burdigalian - Serravallian sandstone bodies (Cortemilia Fm; Feisoglio, Camo and Bossolasco Tongues of the Cassinasco Fm) as well as the local stratigraphic relationships between these sandstone bodies and the enveloping pelitic units (Serole, Murazzano and S. Agata Fossili Fms), are extrapolated from the available literature and geological maps, local reconnaissance field work and our personal view of the overall stratigraphy of the entire southern margin of the TPB. The inferred stratigraphic relationships are partly interpretative and not to scale. The faults post-dating the Serole and Cortemilia formations (except for the Scrivia Fault) are not represented. The structures generated by compressional and transpressional deformation, including folds, inverse faults and thrusts are not indicated for sake of simplicity.