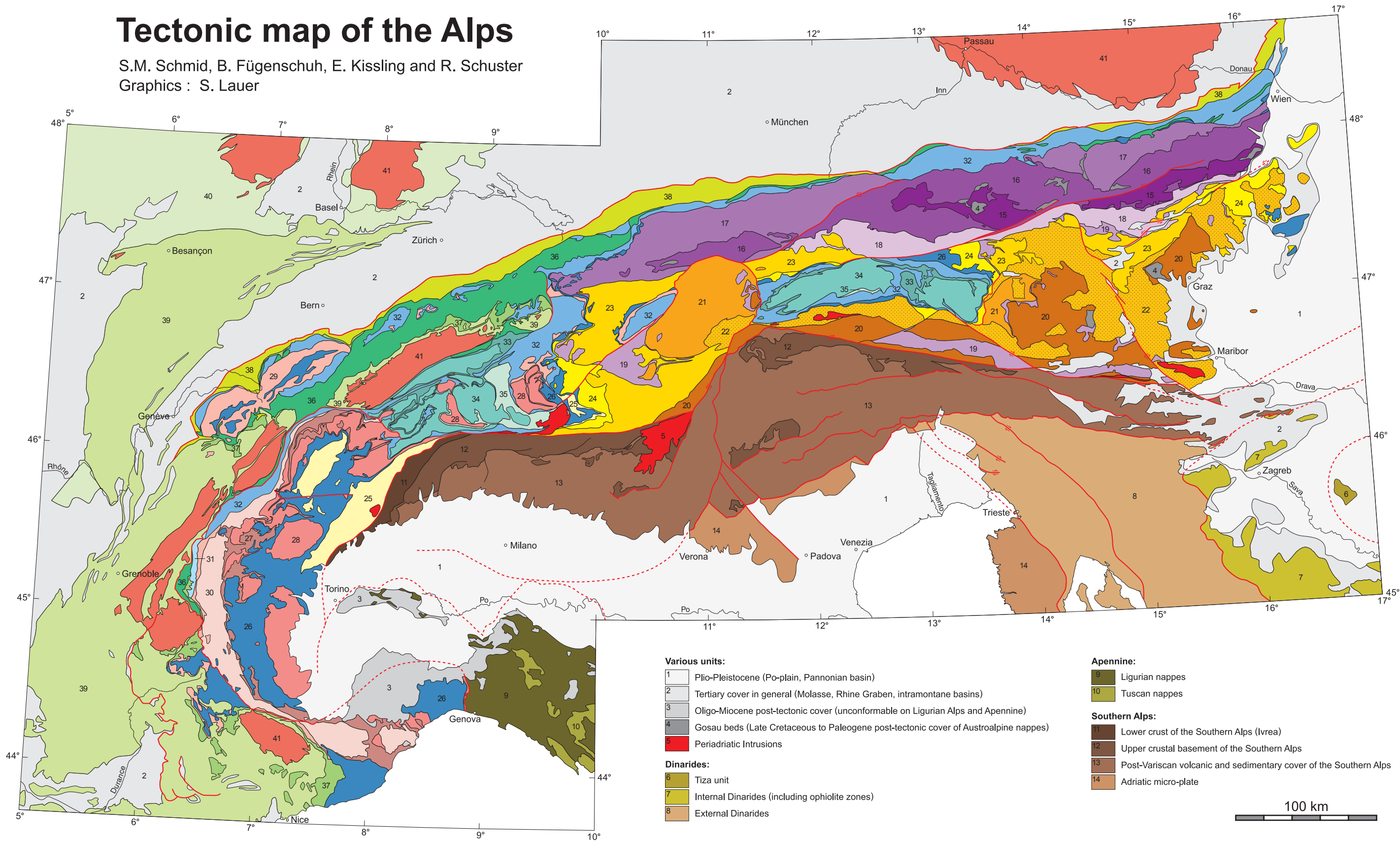


Tectonic map of the Alps

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Graphics : S. Lauer



Austroalpine Nappes:

Northern Calcareous Alps and Grauwackenzone (Upper Austroalpine):

- 15 Juvavic nappes (Mesozoic cover)
- 16 Tirolian nappes (Mesozoic cover)
- 17 Bavarian nappes (Mesozoic cover)
- 18 Grauwackenzone (Paleozoic, stratigraphic base of Tirolian nappes)

Upper Austroalpine basement nappes:

- 19 Mesozoic cover of Upper Austroalpine basement nappes
- 20 Drauzug-Gurktal nappe system (Tonale series, Steinach nappe, basement of Drauzug, Gurktal nappe, Graz Paleozoic)
- 21 Ötztal-Bundschuh nappe system (Ötztal and Bundschuh nappes)
- 22 Koralpe-Wölz high pressure nappe system (Schneebergzug, Millstatt, Wölz, Saualpe-Koralpe crystalline units)
- 23 Silvretta-Seckau nappe system (Campo-Sesvenna-Silvretta nappes, Innsbrucker Quarzphyllit, Schladming, Seckau, Semmering nappes)

Lower Austroalpine nappes:

- 24 Lower Austroalpine nappes (Ela, Err-Bernina nappes, Radstätter Tauern, Wechsel nappe)
- 25 Nappes derived from Margna-Sesia fragment (Margna-Sella, Sesia-Dent Blanche nappes)

Penninic nappes:

Upper Penninic nappes (Piedmont-Liguria ocean):

- 26 South-Penninic ophiolites, Bündnerschiefer or Schistes Lustrés, Nappes Supérieures des Préalpes, Helminthoid flysch and Matrei mélange

Middle Penninic nappes (Briançonnais terrane):

- 27 Sedimentary cover of Middle Penninic basement nappes
- 28 Middle Penninic basement nappes
- 29 Detached Middle Penninic cover nappes ("Sub-Briançonnais" and "Briançonnais")
- 30 Permo-Carboniferous sediments (Zone Houlière) and their Mesozoic cover ("Briançonnais")

Lower Penninic nappes (Valais ocean):

- 31 Tertiary flysch sealing Lower Penninic accretionary prism (Cheval Noir Flysch)
- 32 North-Penninic ophiolites and Bündnerschiefer (including Rhenodanubian flysch)

Sub-Penninic nappes (distal European margin):

- 33 Mesozoic cover of Sub-Penninic basement nappes (including cover of "Gotthard Massif")
- 34 Non-eclogitic Sub-Penninic basement nappes (including "Gotthard Massif")
- 35 Eclogitic Sub-Penninic basement units

Northern Alpine foreland and Helvetic nappes:

- 36 Helvetic and Ultrahelvetic nappes (including Combeynot and Tavetsch "Massifs")
- 37 Helvetic flysch
- 38 Subalpine molasse
- 39 Deformed autochthonous and para-autochthonous pre-Tertiary cover of the northern Alpine foreland (including the Jura Mountains)
- 40 Undeformed pre-Tertiary cover of the Northern Alpine foreland
- 41 External massifs of the Alps and Variscan basement of the Northern Alpine foreland