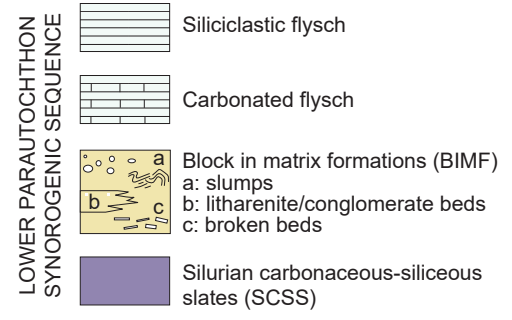


**LITHOLOGIES**



**ZIRCON AGES**

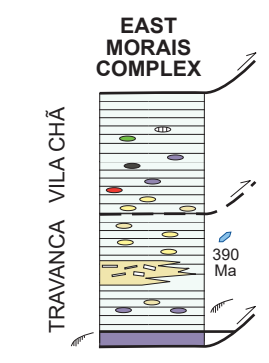
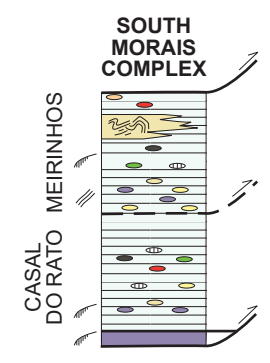
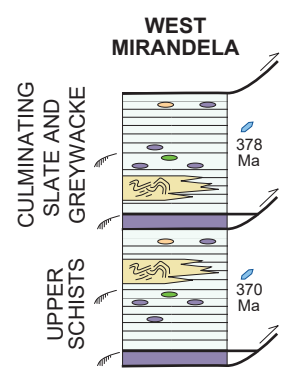
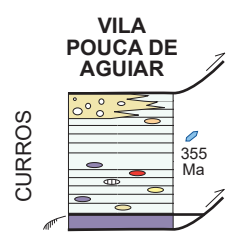
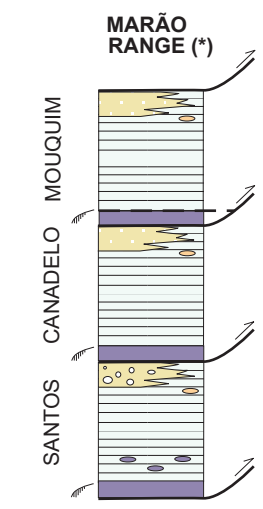
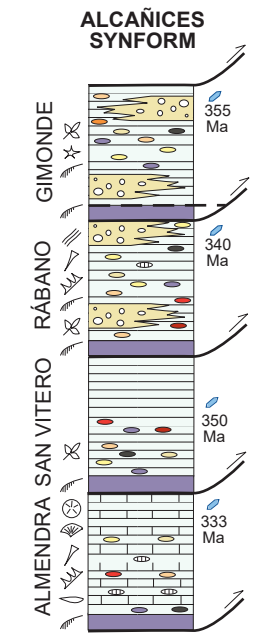
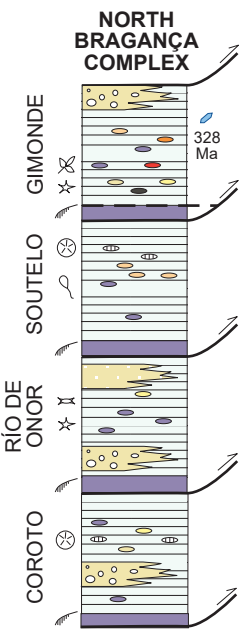
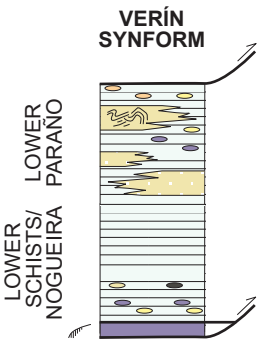
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**ORDOVICIAN TO DEVONIAN FOSSILS**

- Plant debris
- Palynomorphs
- Crinoids
- Tentaculites
- Conodonts
- Coral debris
- Bivalvia fragments
- Graptolites
- Lingula (brachiopod)
- Cruziana
- Acritarchs

**OLISTOLITHS (PROTOLITH)**

- SEDIMENTARY**
- Lydite/ampelite
  - Quartzite
  - Phyllite
  - Greywacke
  - Limestone
- IGNEOUS**
- Rhyolite/felsic tuff
  - Dacite
  - Granitic
  - Gneiss
  - Mafic rock



\* Pereira, 1989