

Geologie van de Pays du Buëch

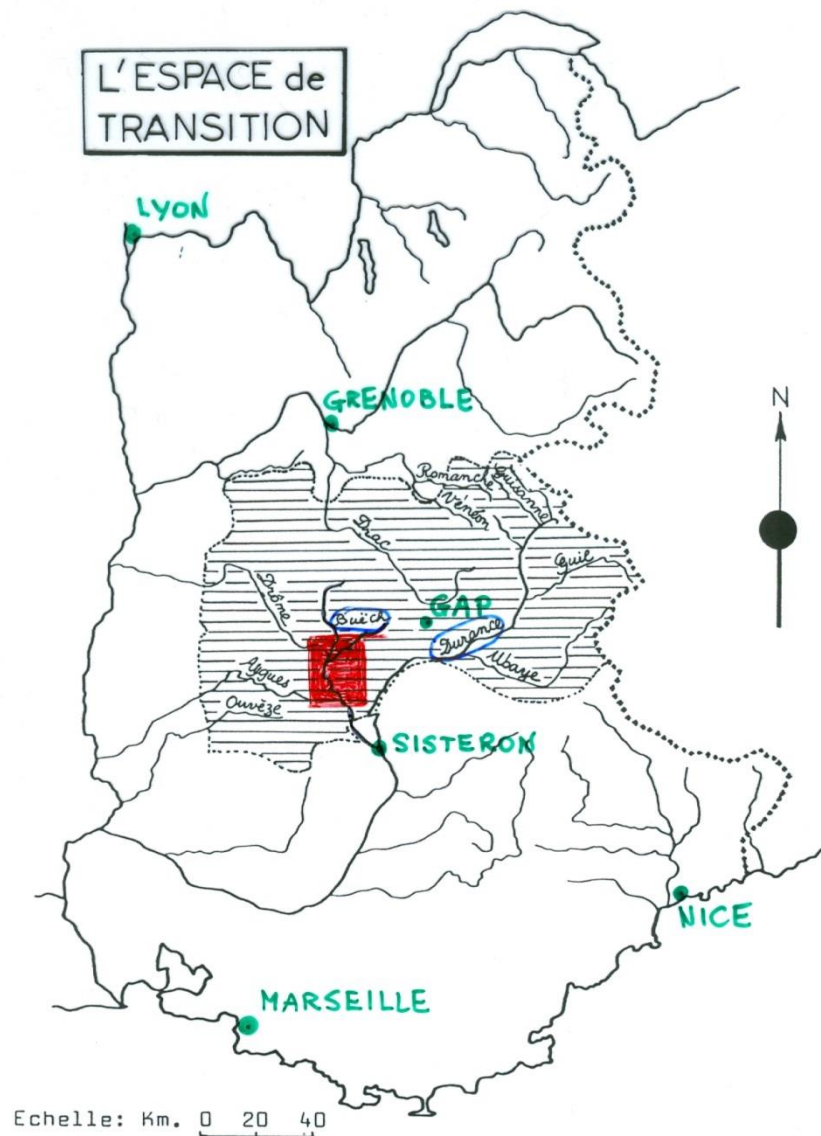
Veldwerk Franse Alpen: deel 1/3



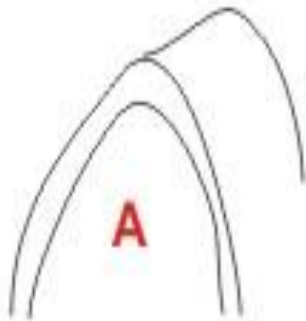
Dr. Martin R. Hendriks

Figure n° 1 - Délimitation et localisation de l'espace de transition

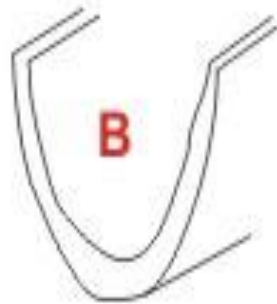
PAYS du BUËCH / PRÉALPES du BUËCH



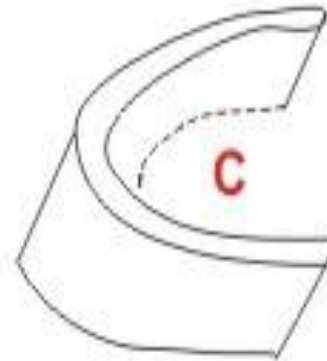
Terminologie



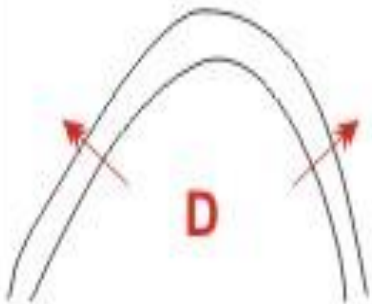
antiform



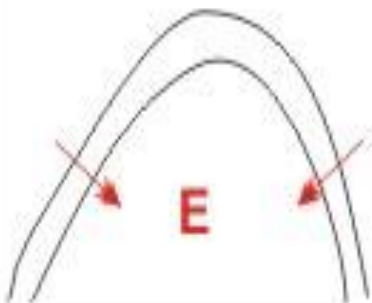
synform



neutral fold

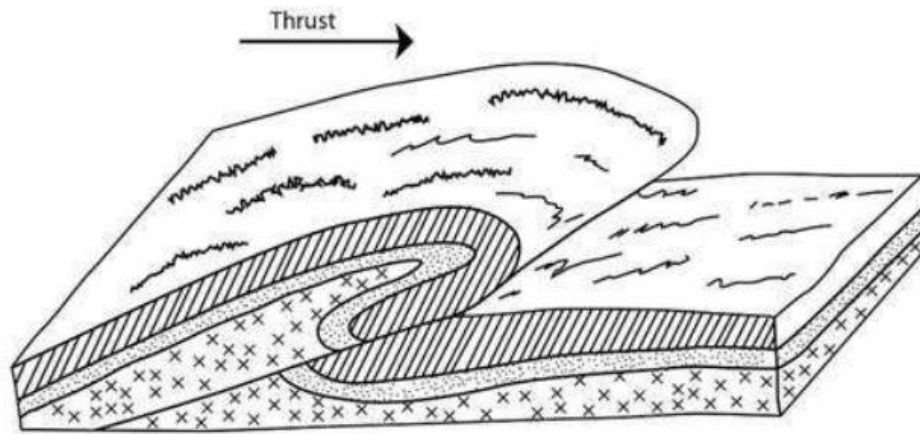


Anticline - older rocks in core

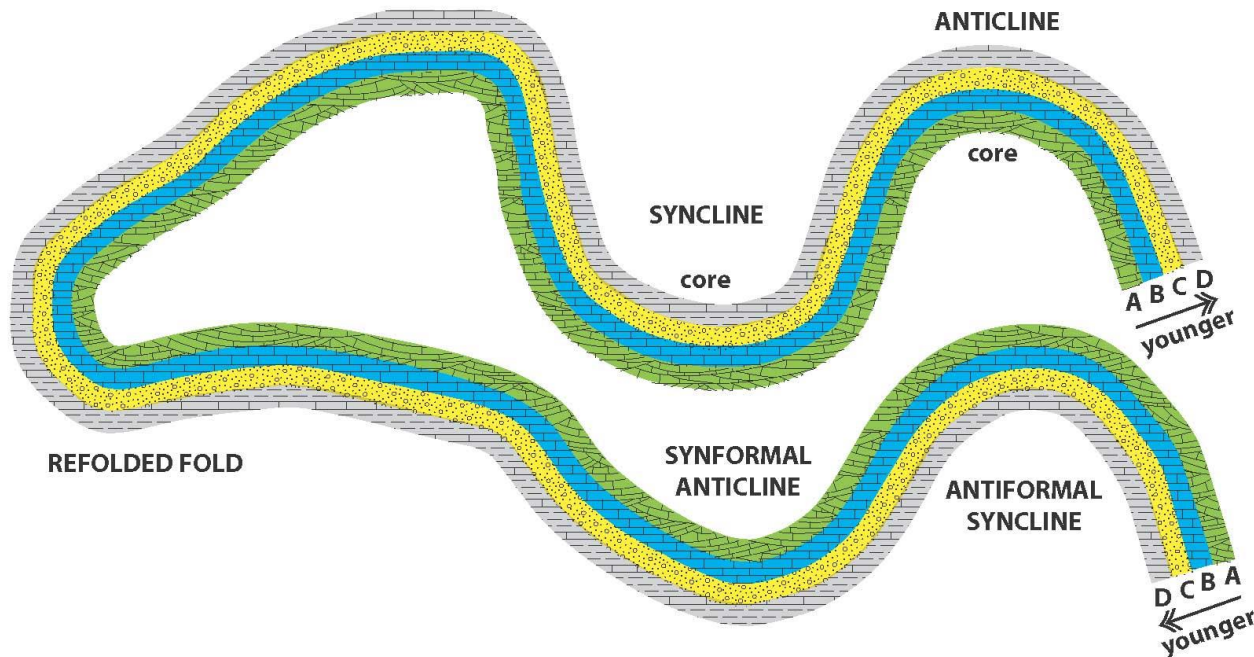


Syncline - younger rocks in core

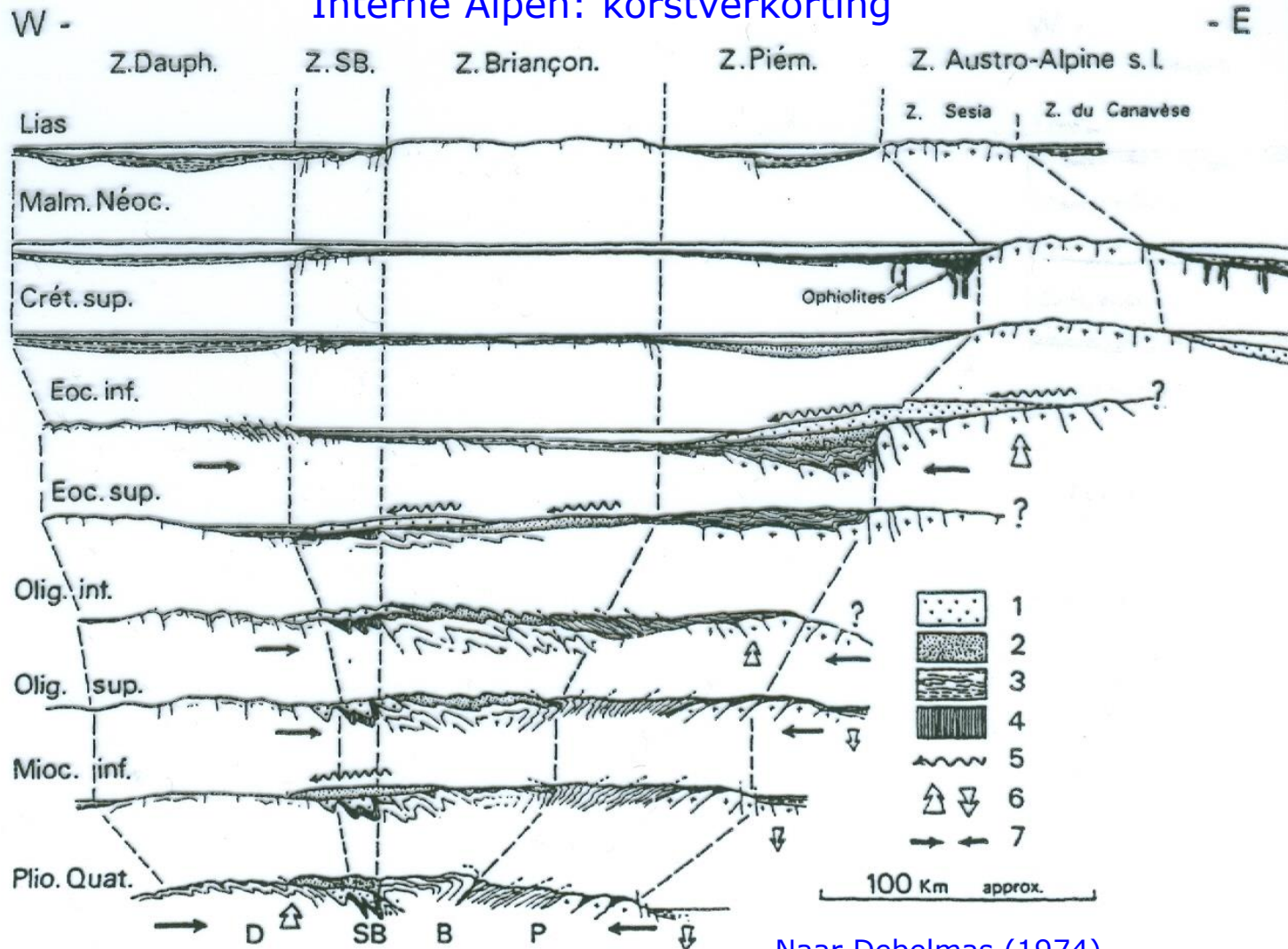
nappes



Dekblad



Interne Alpen: korstverkorting

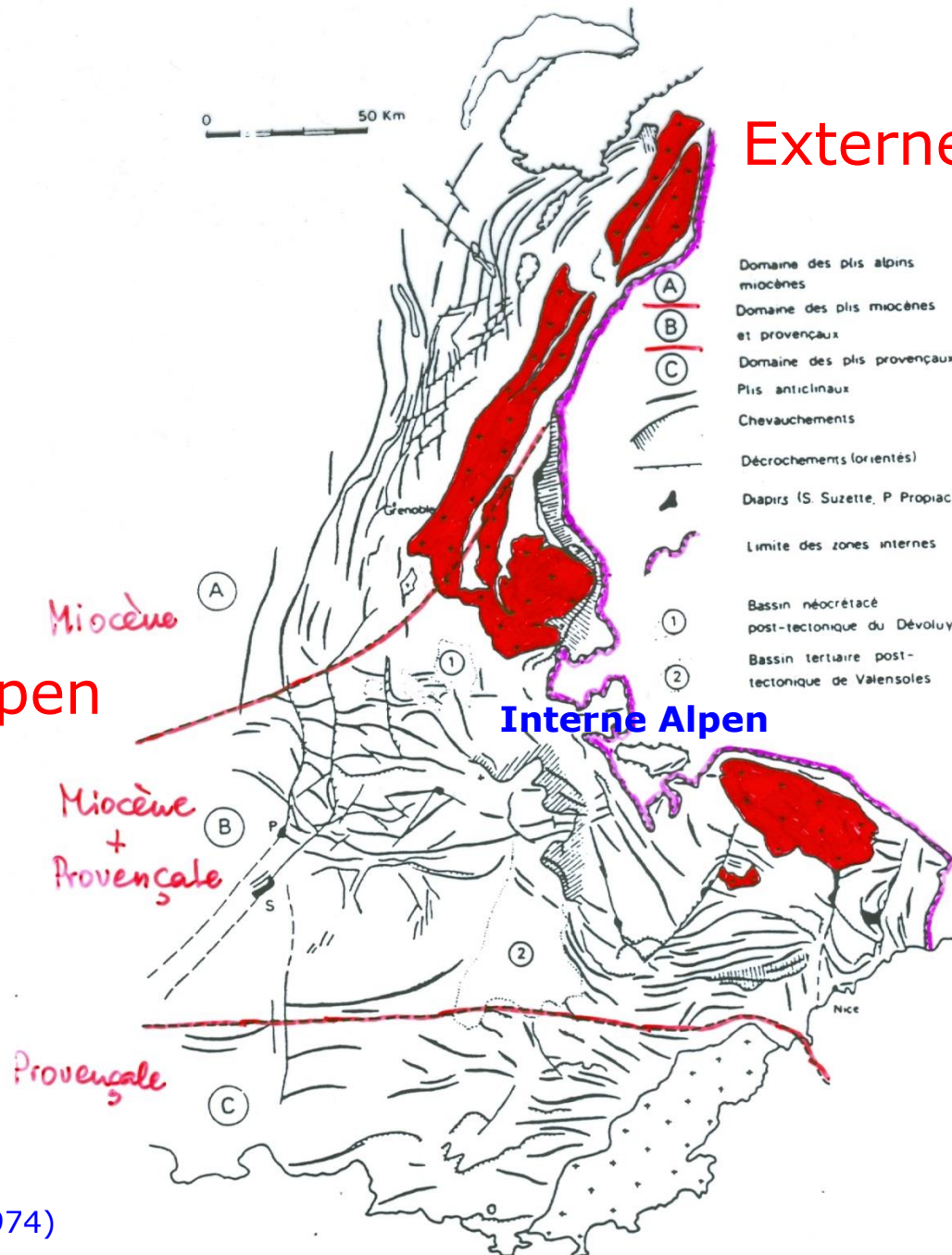


Naar Debelmas (1974)

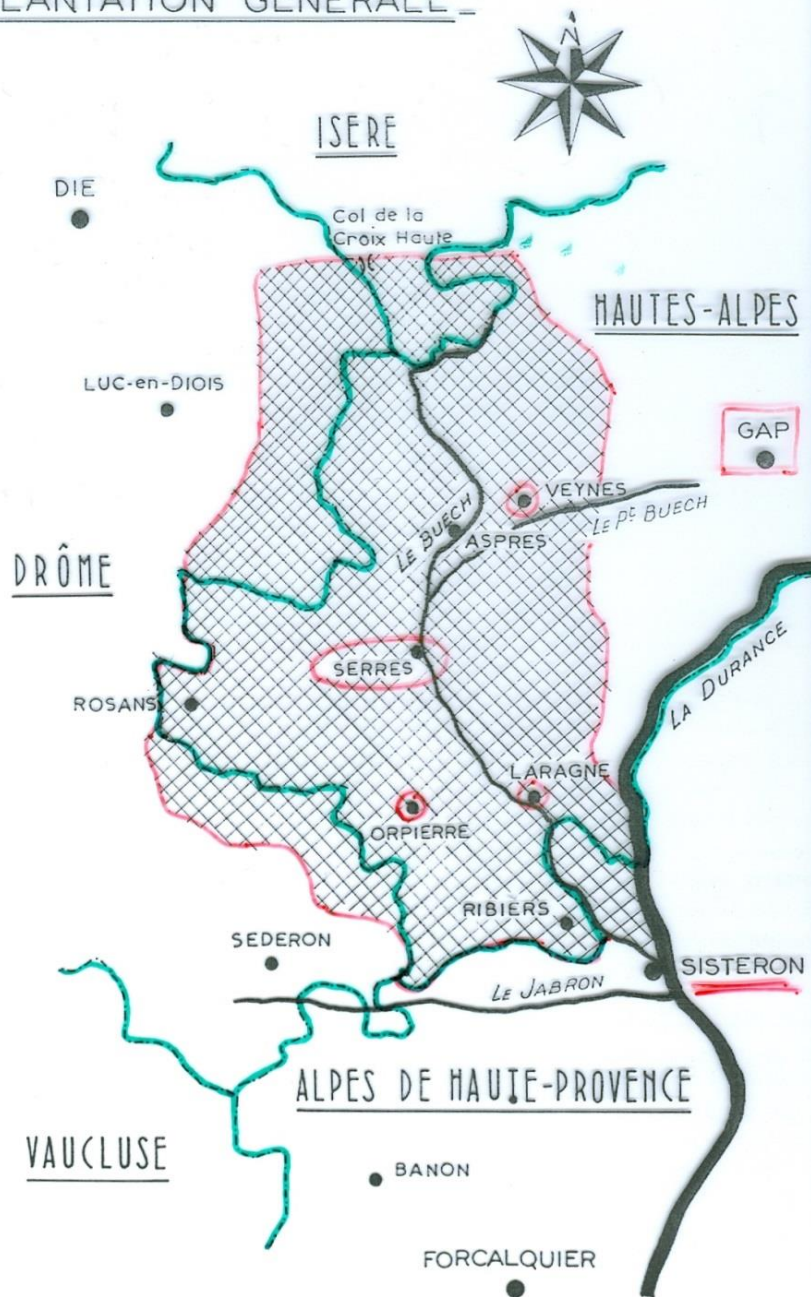
- 1 Flysch à helmintoïde (Nappe de l'Autapie)
- 2 Flysch à helmintoïde (Nappe de Parpaillon)
- 3 Schistes lustré
- 4 Sub-Briançonnais (kalken, zandstenen, flysch)
- 5 Bewegingsrichting Flysch dekbladen
- 6 Opheffing resp. daling
- 7 Laterale (druk)beweging

Externe Alpen

Externe massieven



IMPLANTATION GENERALE



Pays du Buëch

Pays du Buëch



Pays du Buëch

Het gesteente bepaalt het reliëf:

Afwisseling van harde en zachte gesteentelagen:

Sedimentair gesteente van mariene oorsprong:

donkere mergels: 'terres noires'

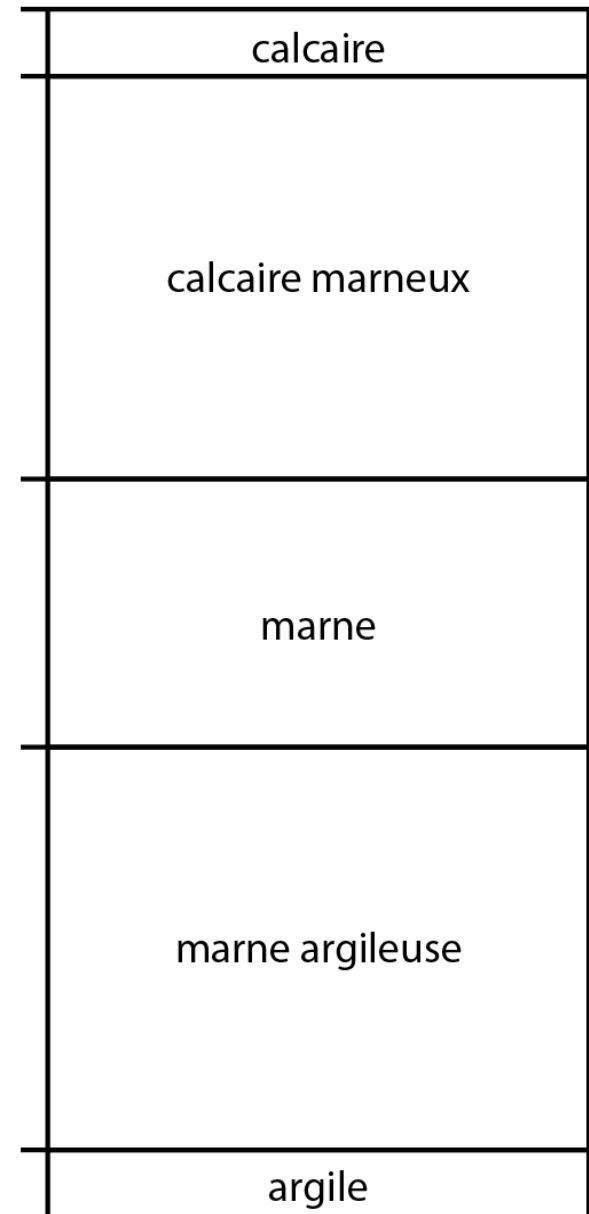
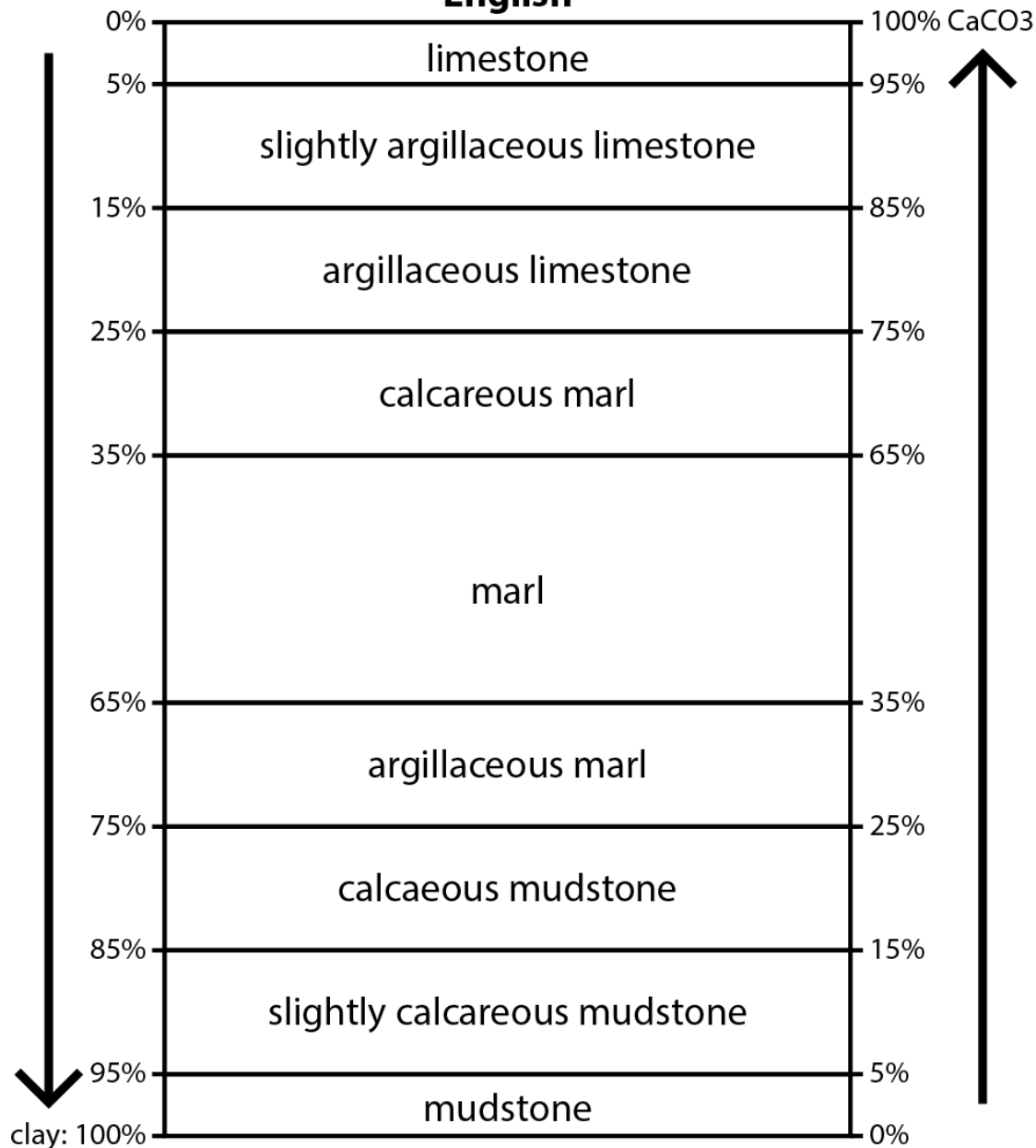
massieve kalksteen: 'Calcaire Tithonique'

een gesteentelaag kan 1000 m dik zijn;

gesteente is 100-170 miljoen jaar oud.

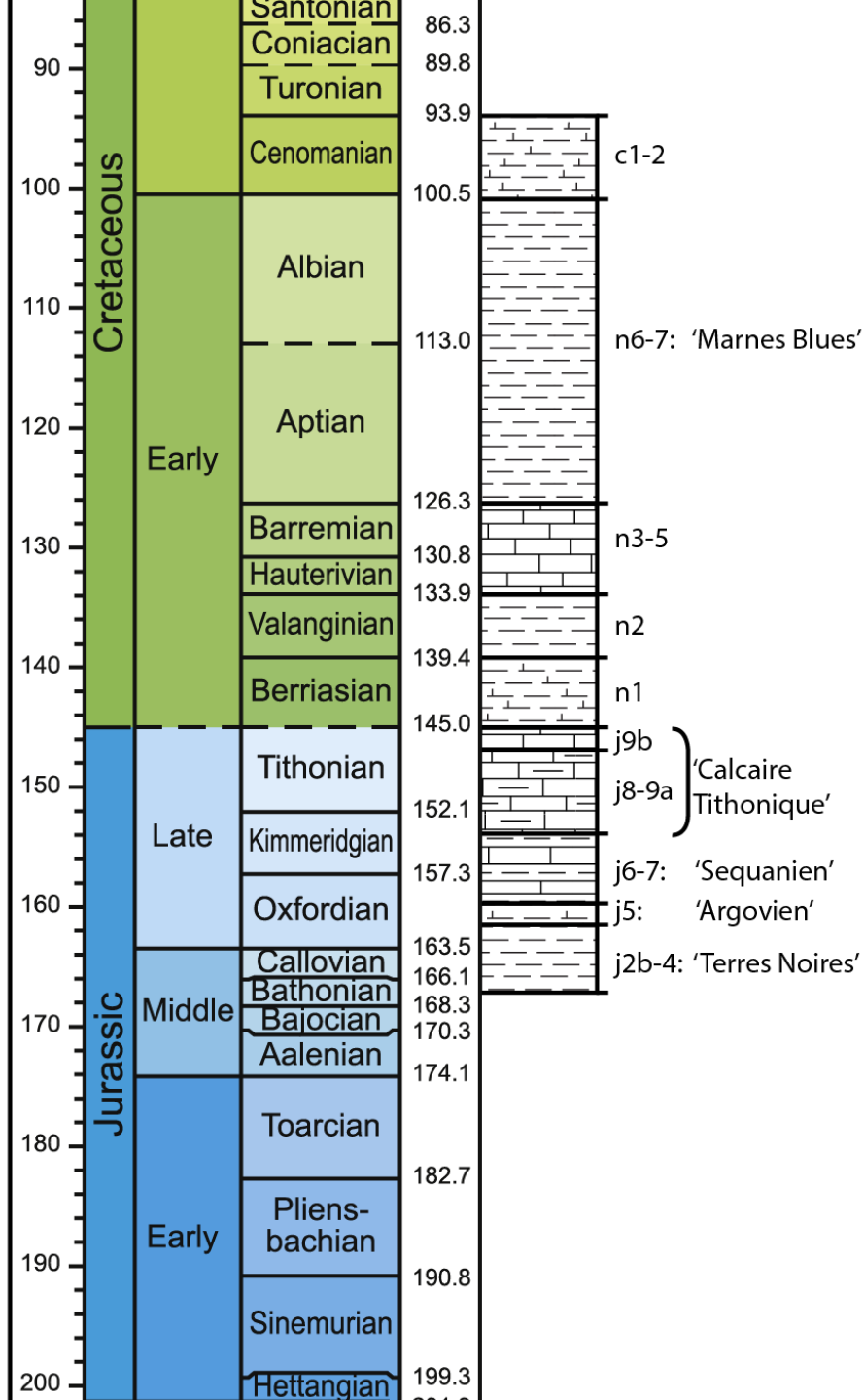
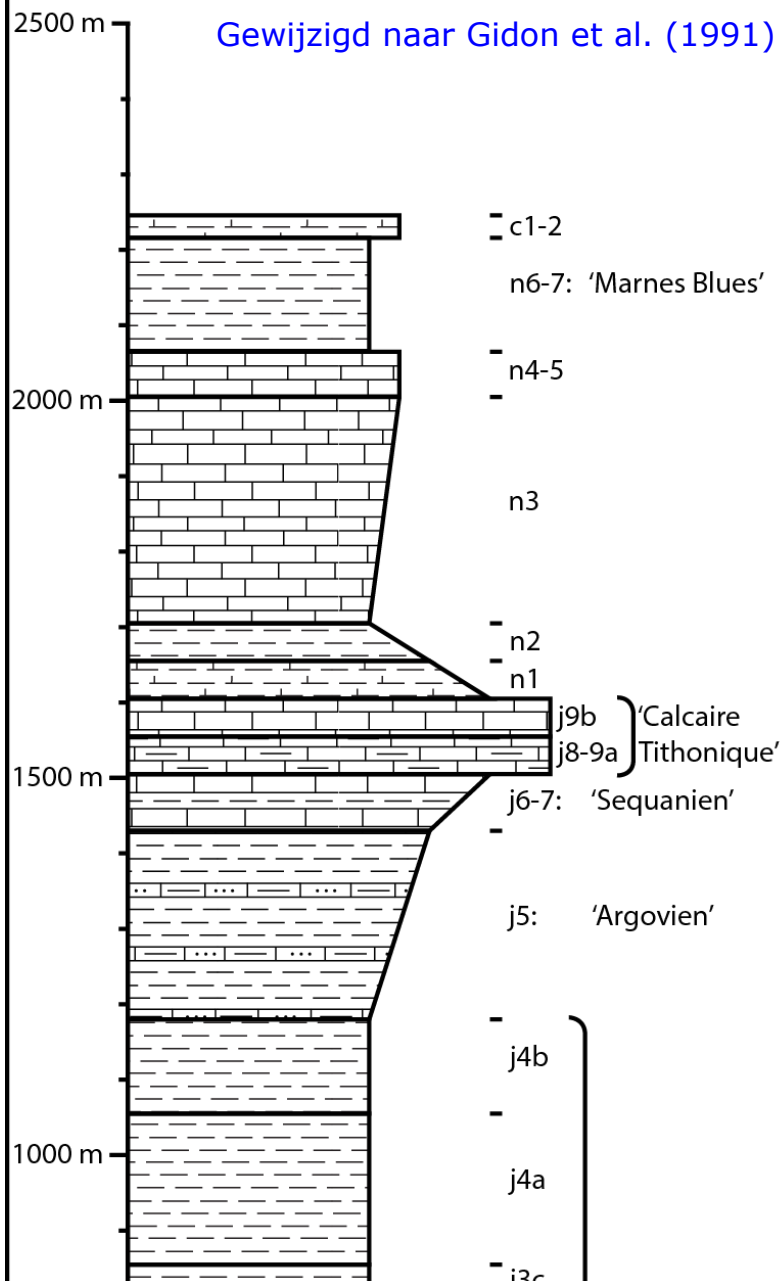
English

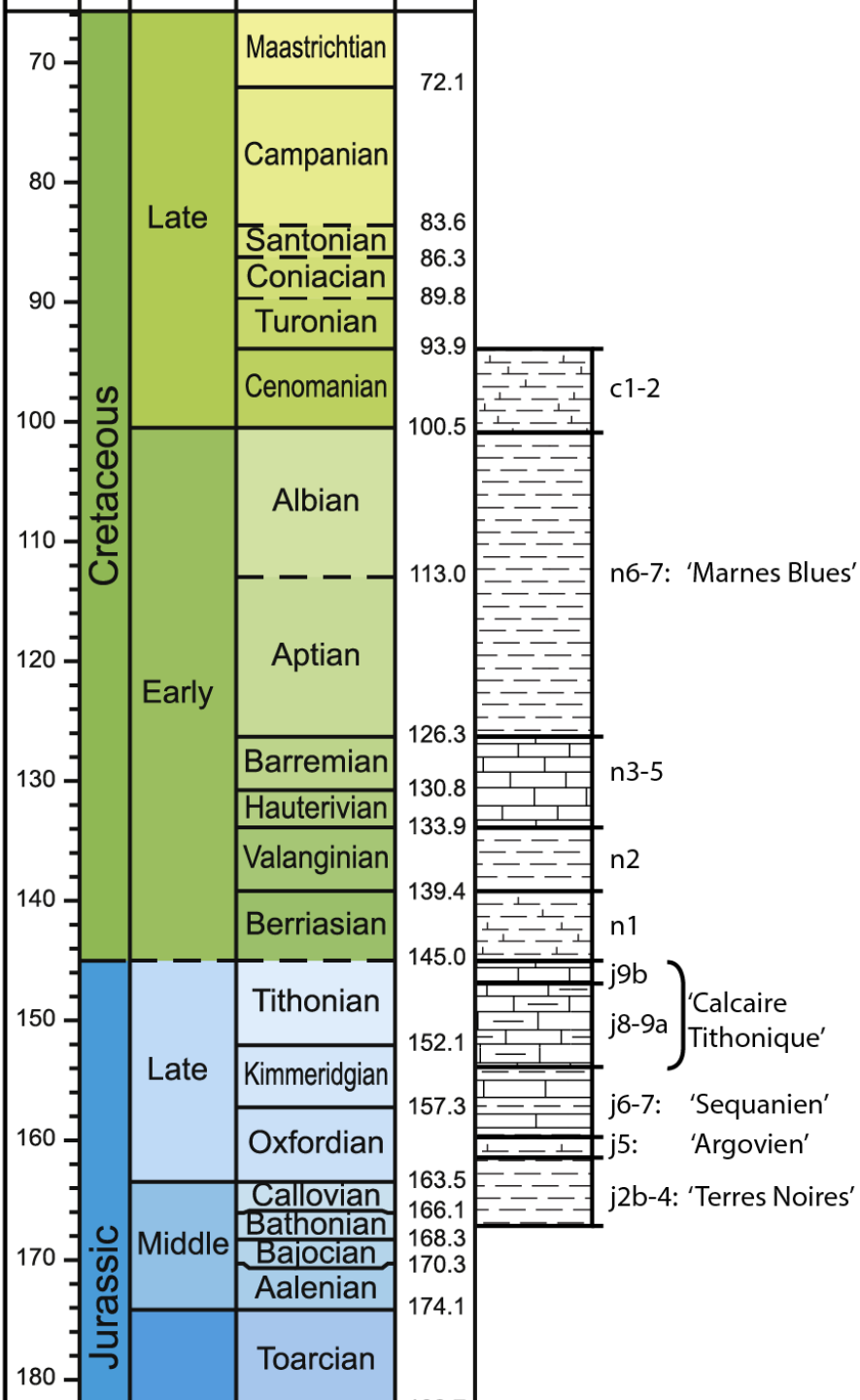
French



Lithostratigrafische kolom

Gewijzigd naar Gidon et al. (1991)





Chronostratigrafische kolom

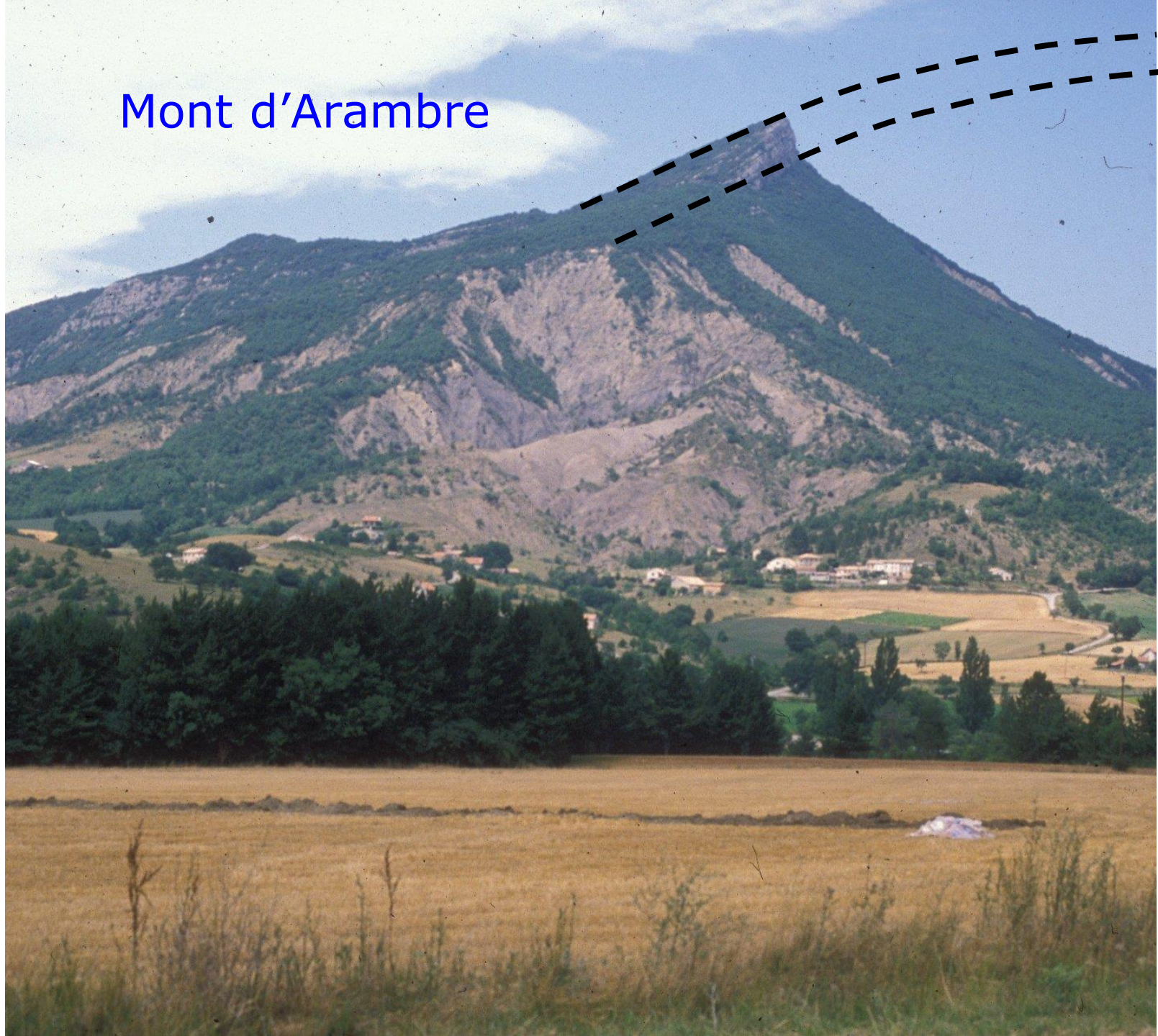
Gewijzigd naar Gidon et al. (1991)

Anticlinale geologische structuren (anticlinoria)
Afwisseling harde kalksteen en zachte mergels
Dalen in zacht gesteente
Bovenkant hellingen in hard gesteente

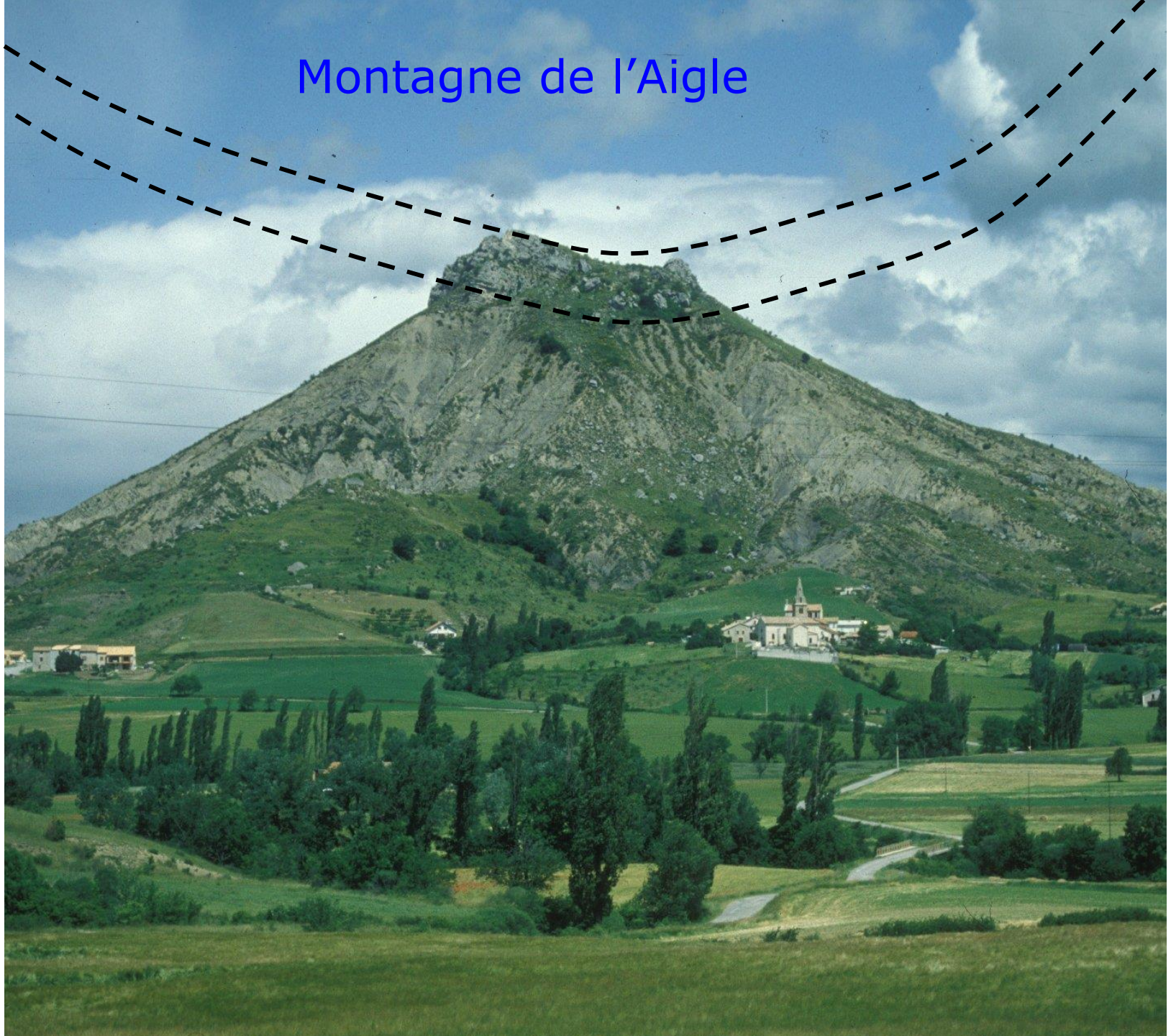
Montagne d'Oule



Mont d'Arambre



Montagne de l'Aigle

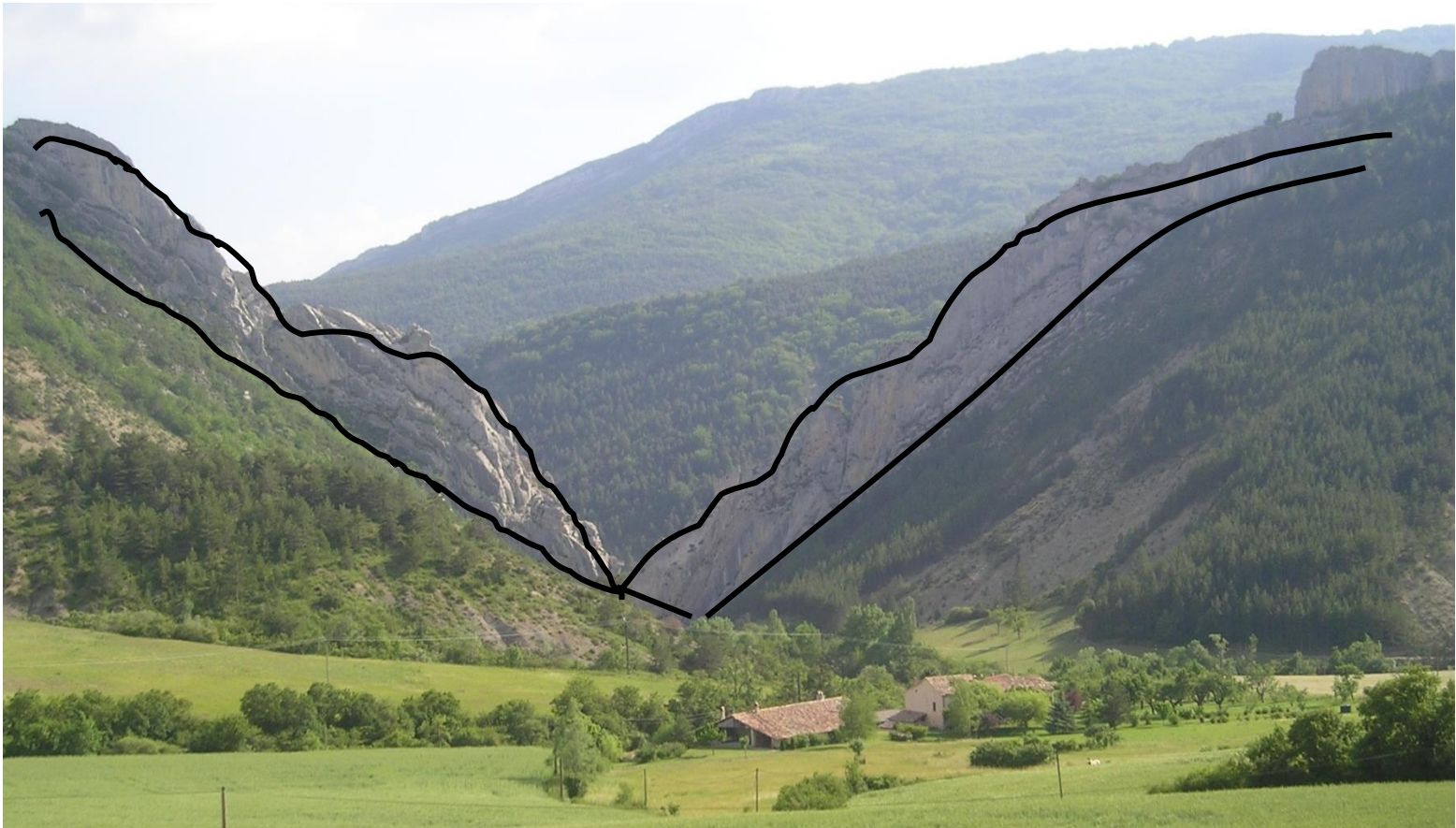




Montclus

Kloofvormige dalen (cluses)

De Calcaire Tithonique dagzoomt ook in kloofvormige dalen, zoals bij Sigottier en Serres



Literatuur

Debelmas, J. (1974). Géologie de la France, doin Editeurs, Paris, 544 pp.

Gidon et al., 1991: <http://www.geo-alp.com>

Hendriks, M.R., Advokaat, E.L., Nijland, W., Sterk, G. e.a., 2020. Préalpes du Sud, France, Fieldwork 1, Course Manual. BSc programme Earth Sciences, Faculty of Geosciences, Utrecht University, Netherlands.