



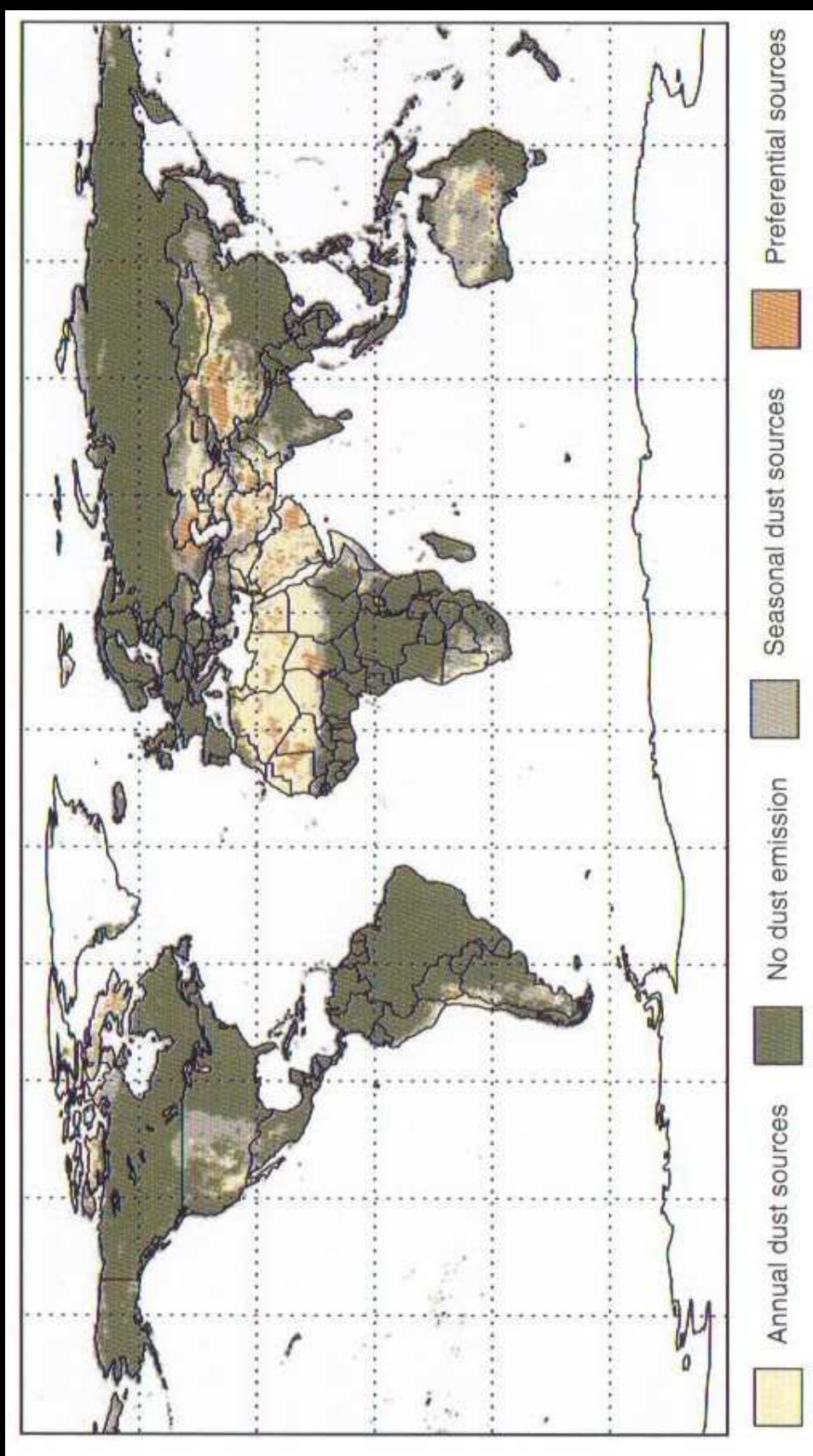
Modern  
soil

Peoria Loess  
(last glacial)

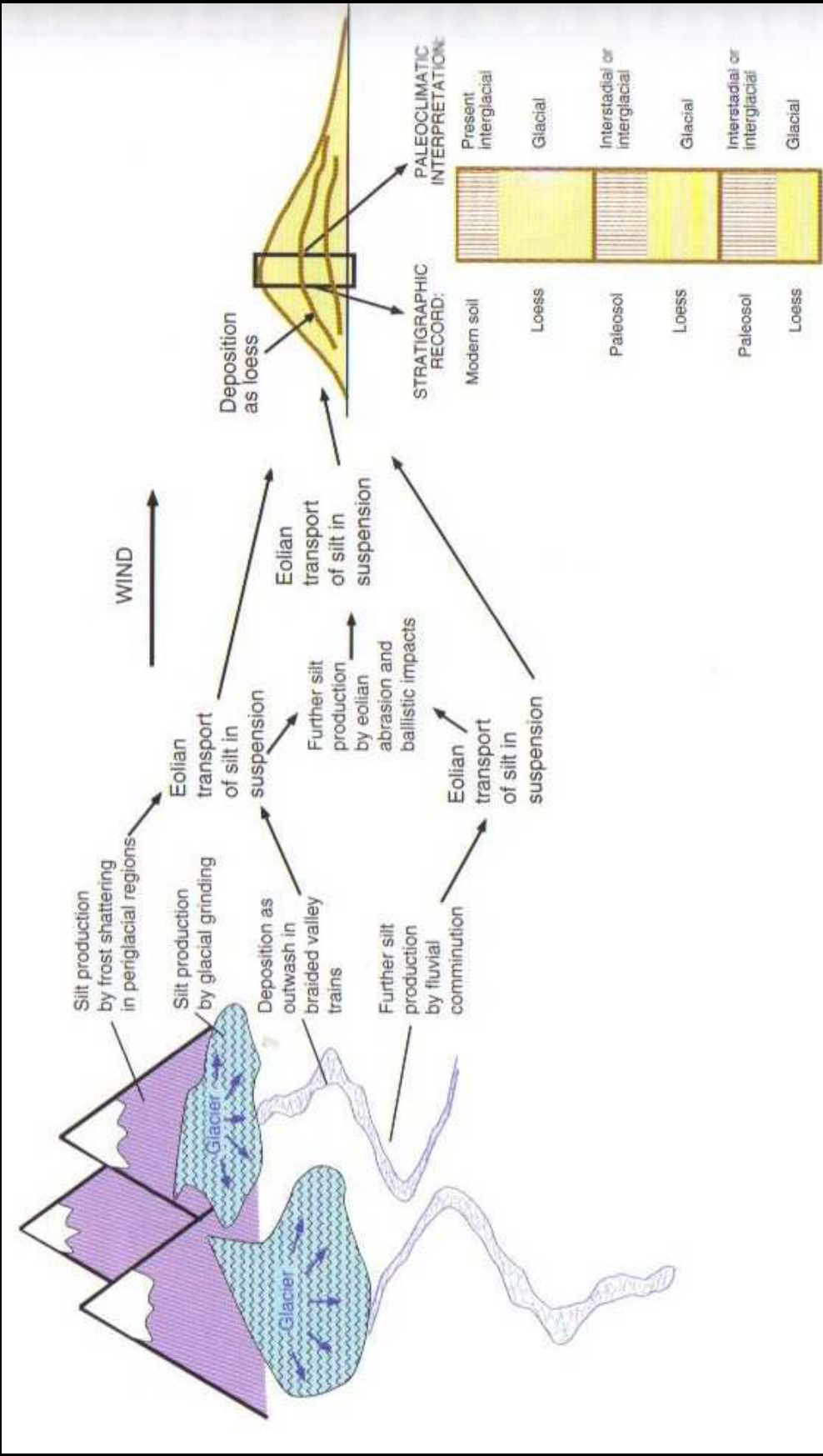
Farmdale  
Geosol  
(interstadial)

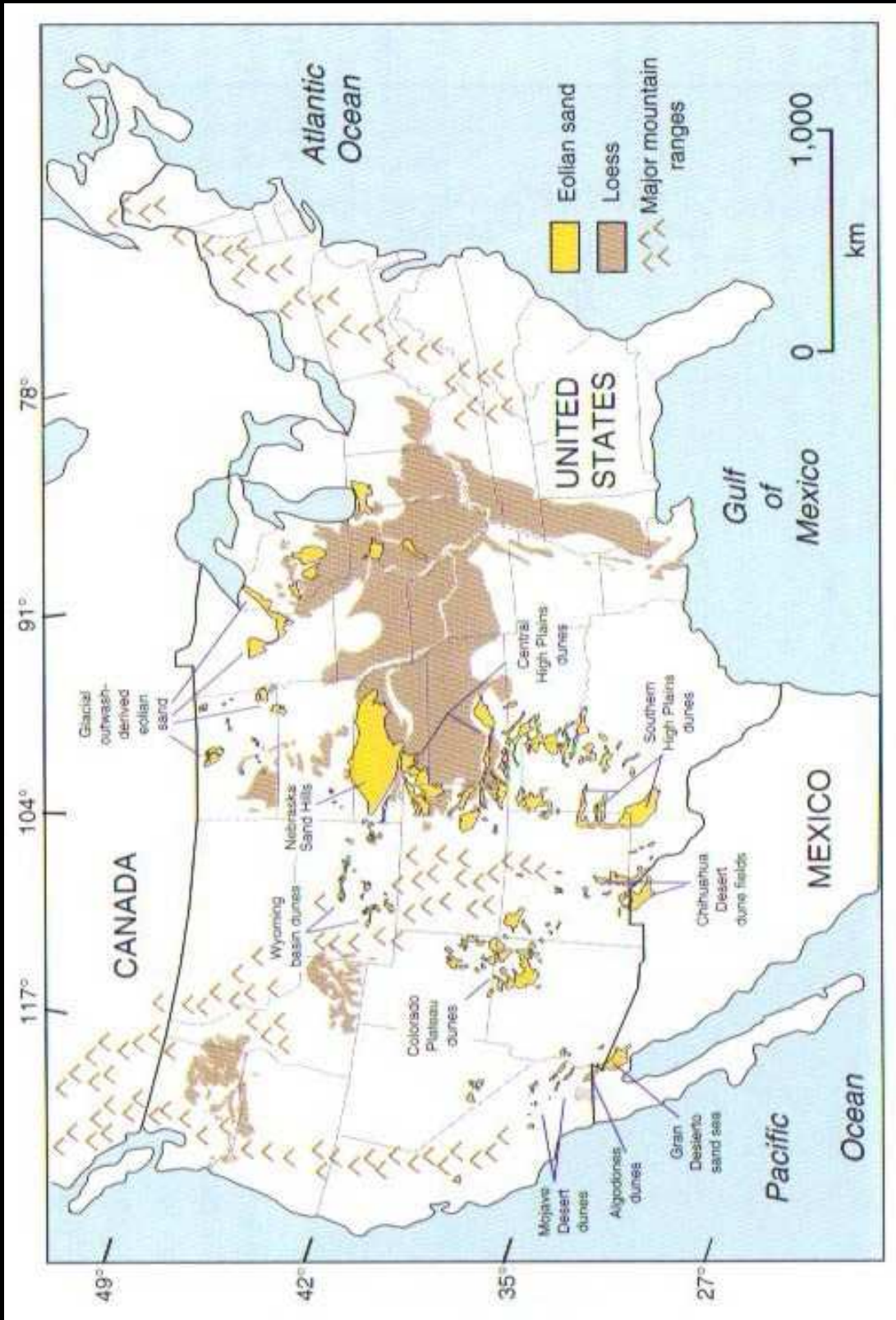
Roxana Silt  
(loess)

Sangamon  
Geosol  
(last  
interglacial)













**Figure 3** Loess plateau ca. 2,000 m a.s.l. in the Western Pamirs piedmont.

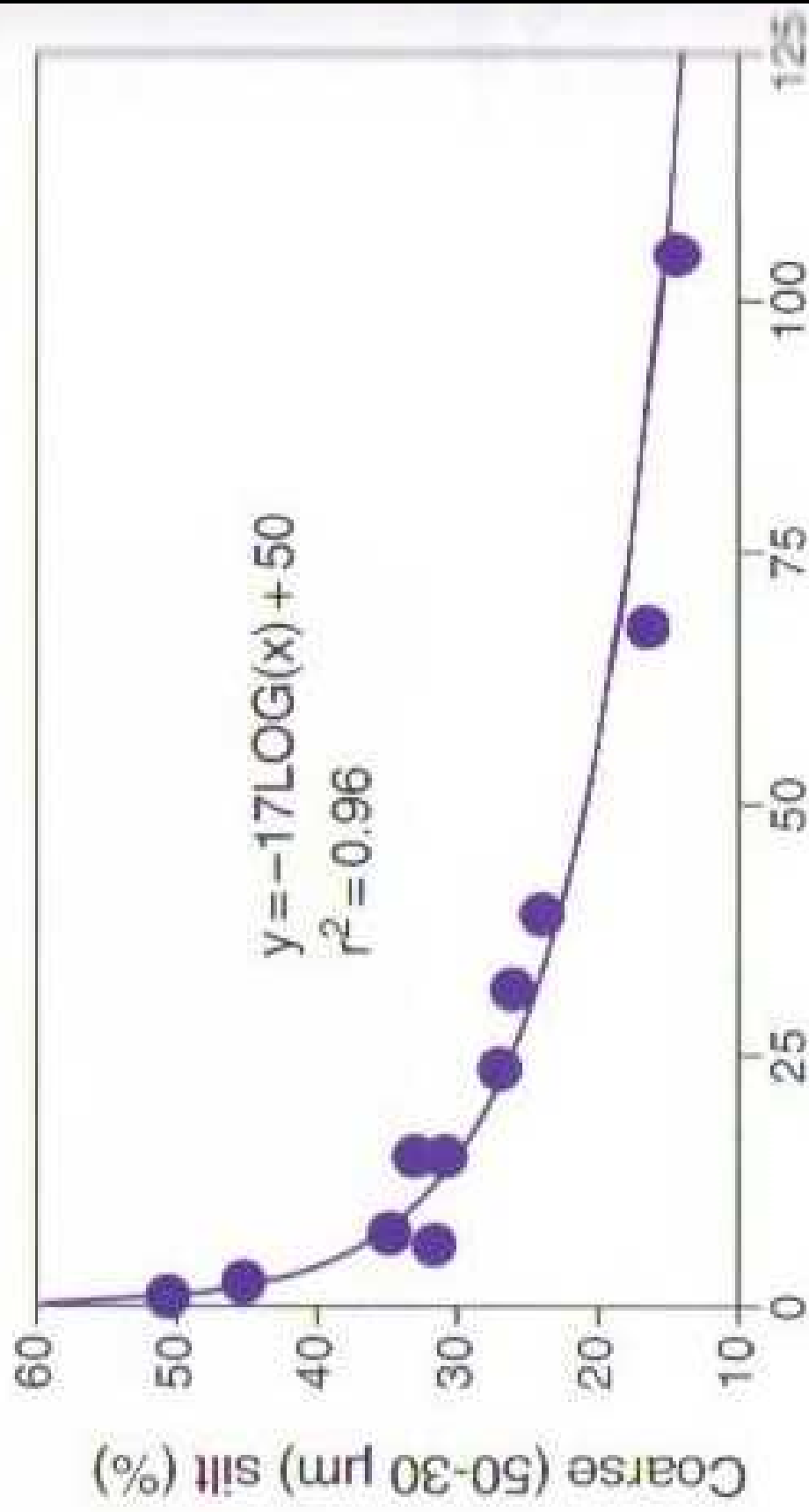


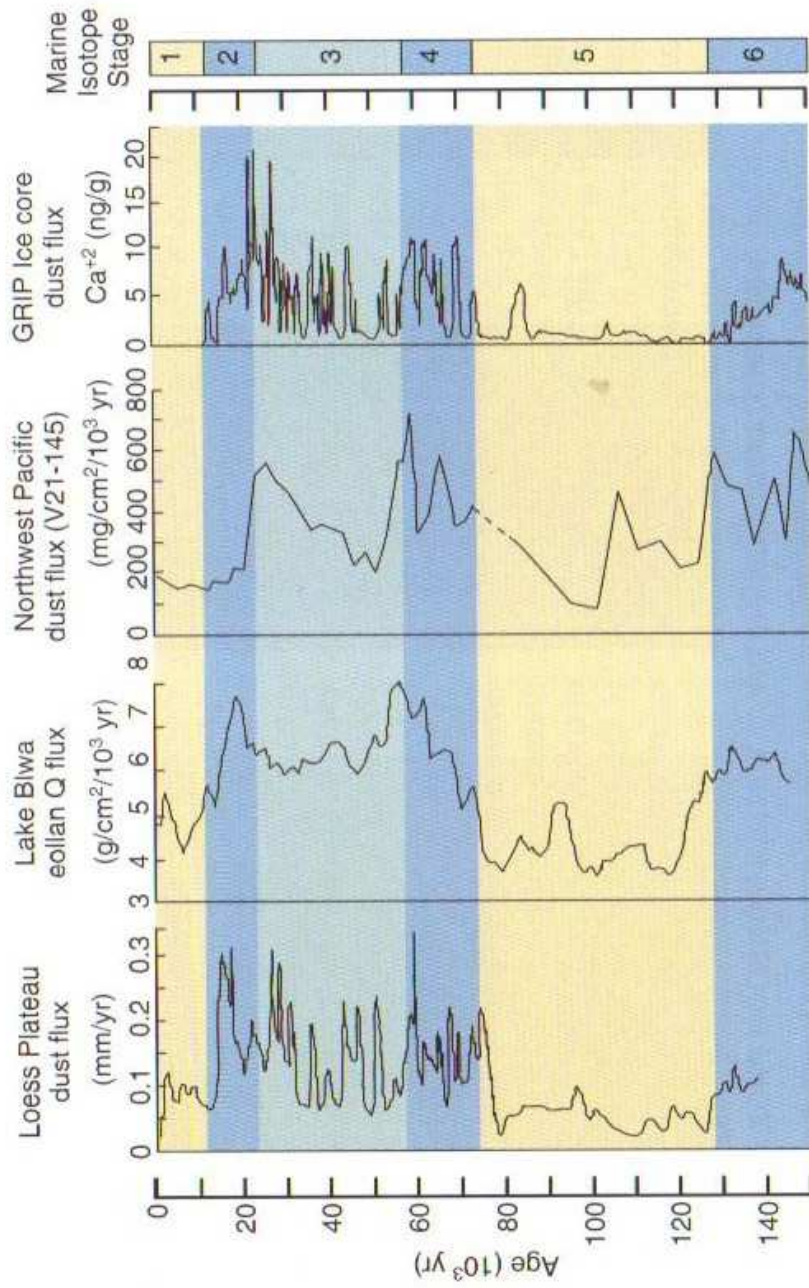




**Figure 1** High mountain periglacial zone in the Eastern Pamirs where abundant moraine and glaciofluvial material serve as a source of clayey and silty sediments, which become a part of the system of fluvial runoff in mountain valleys.







**Figure 9** Variations in dust flux during the last ca. 150,000 yr along a transect from the Loess Plateau to Japan (Xiao *et al.*, 1997), the North Pacific Ocean (Hovan *et al.*, 1991), and the Greenland Ice Sheet (Greenland Ice-Core Project Members, 1993). Intervals of greatest and least dust flux are similar among these records, but obvious differences in detail likely reflect differences in the parameters that were measured, the spacing of samples, and chronological uncertainties, (after Porter, 2001; Figure 9).



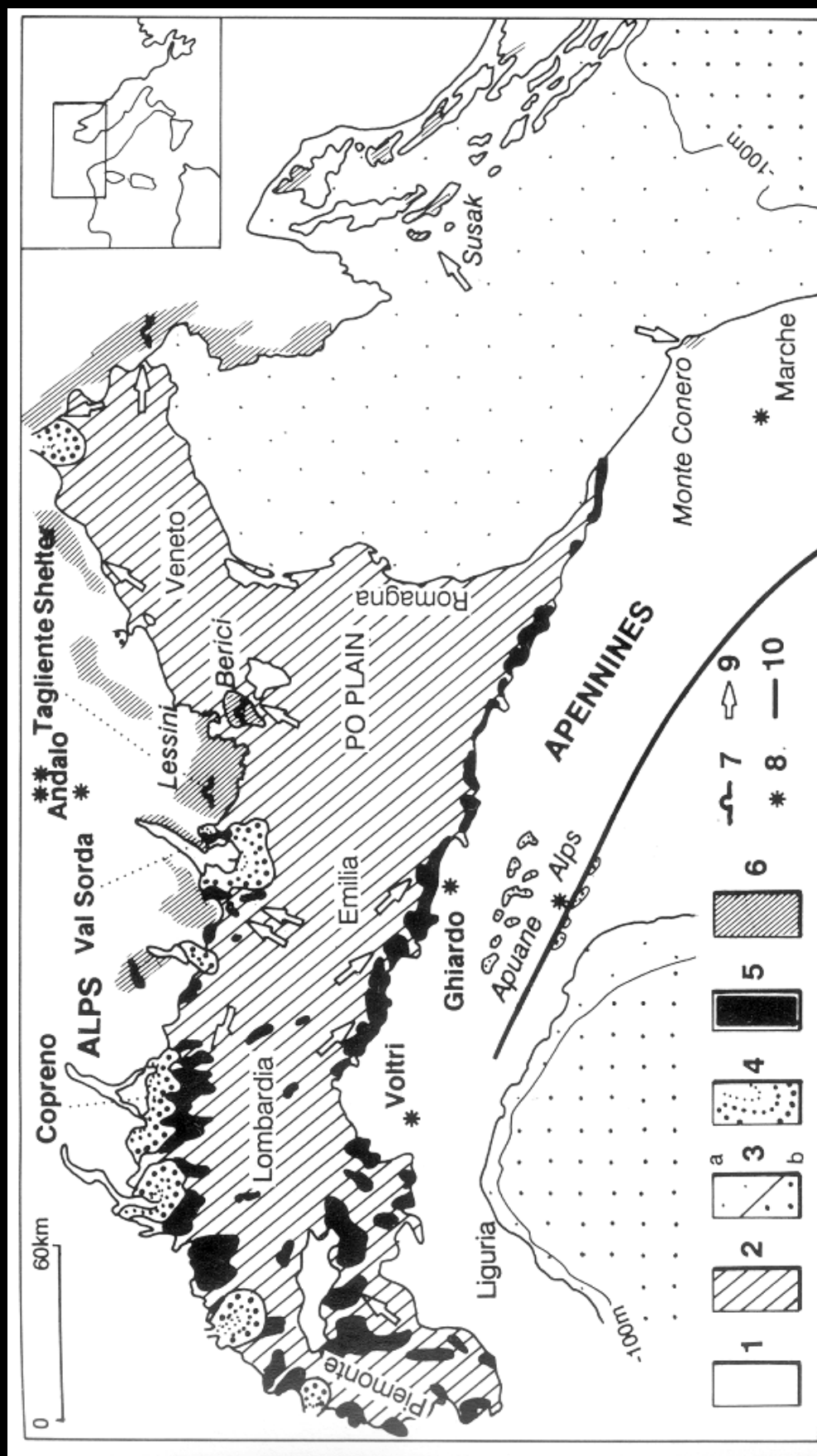


Fig. 3. Distribuzione dei depositi collici nell'Italia settentrionale. 1) rocce pre-quaternarie; 2) piana alluvionale del tardo pleistocenica ed olocenica; 3) l'attuale superficie marina; a - profondità inferiore a m 100; b - profondità superiore a m 100; 4) sistemi morenici prealpini ed appenninici; 5) depositi loessici su terrazzi fluviali, fluvioglaciali e su morene; 6) depositi loessici su plateau carsici; 7) loess contenuti in grotte o ripari; 8) loess su superfici di erosione; 9) direzione dei venti dominanti durante la sedimentazione del loess; 10) probabile limite sudoccidentale dell'area interessata a sedimentazione loessica.