

Znojmo-Retz Physical/Cultural Landscape

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THE ECOSPHERE

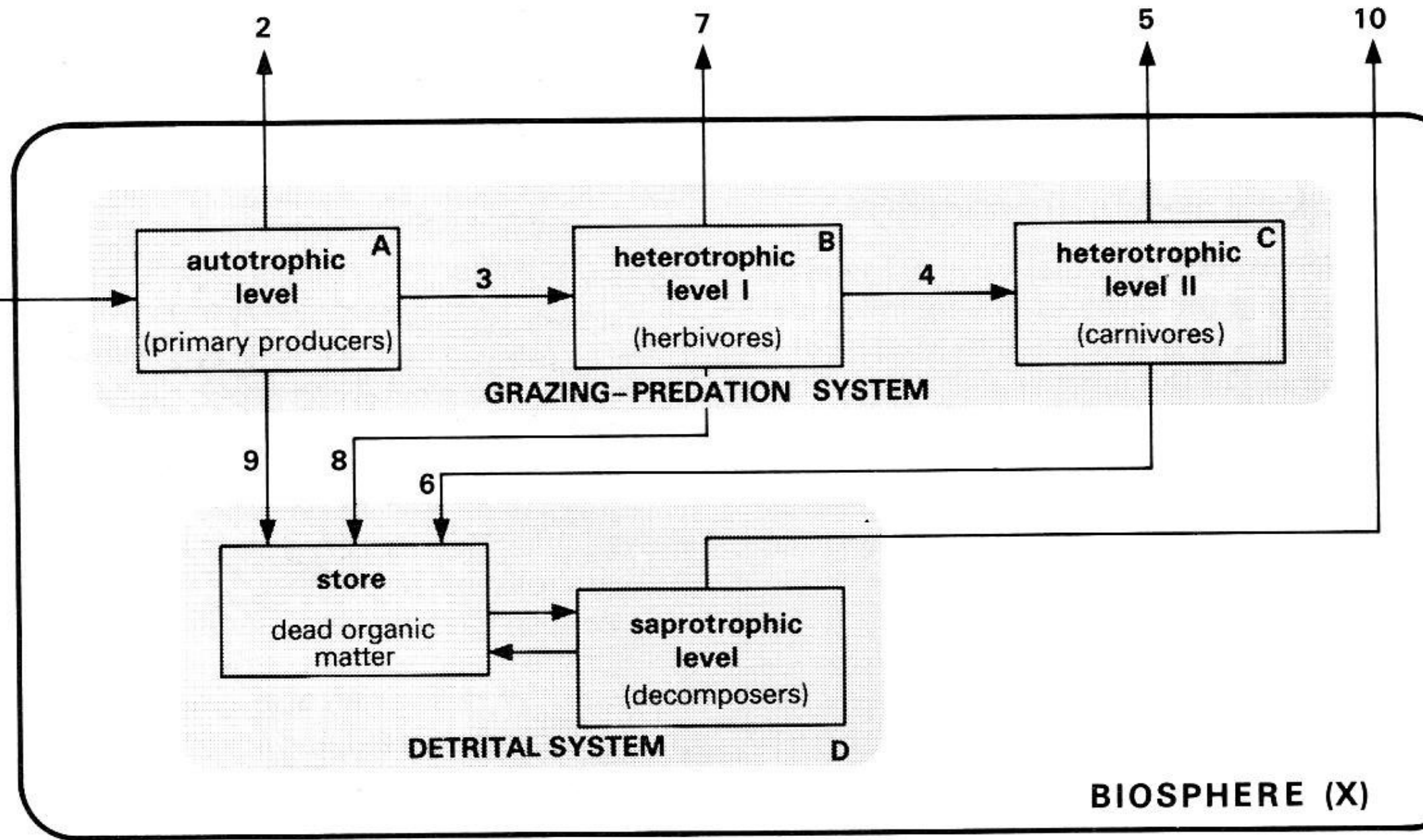
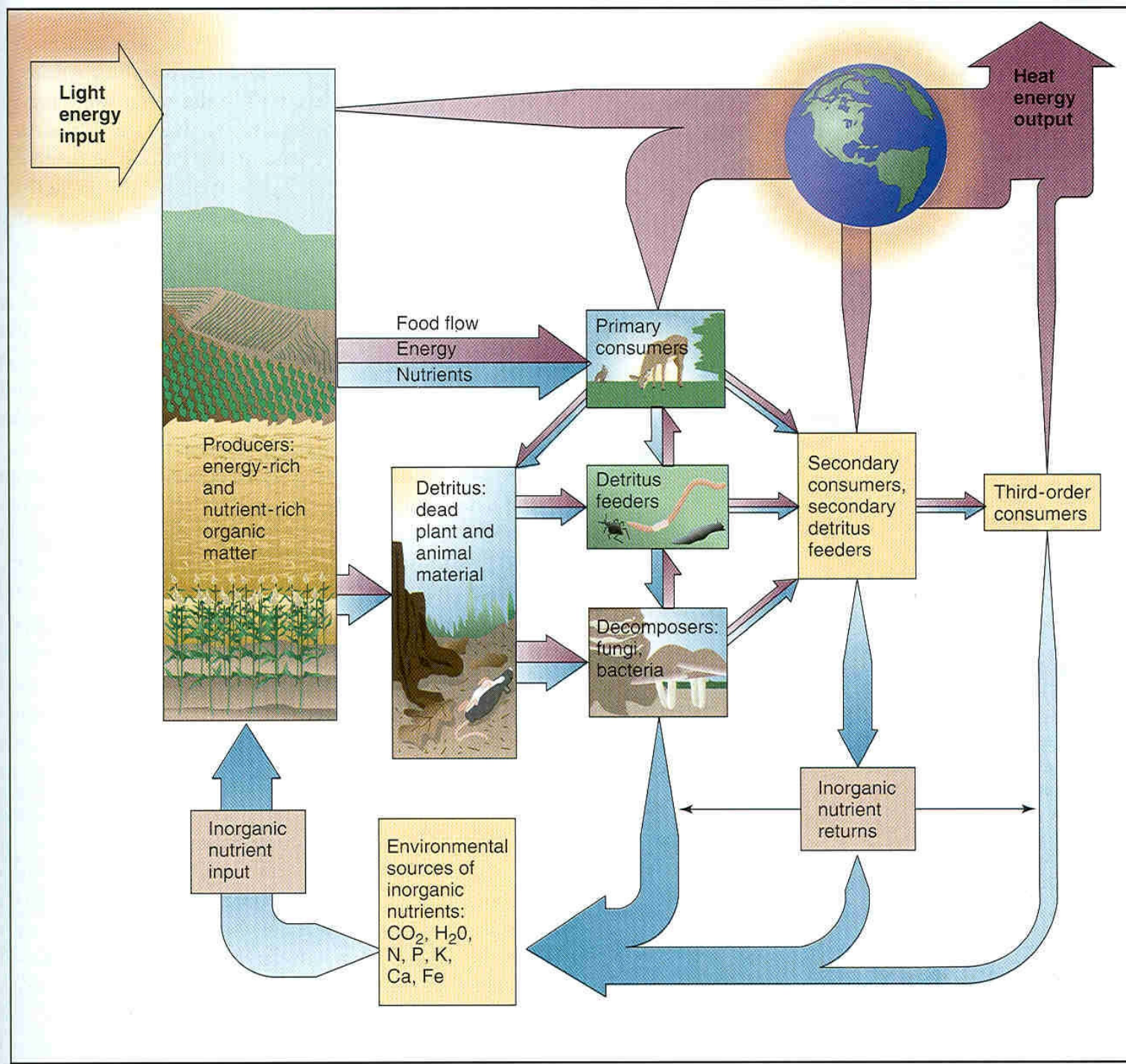


Figure 7.7 Compartment model of the biosphere (X), which has been divided into compartments A, B, C, D (trophic levels). Energy transfers into and out of these compartments are represented by arrows numbered from 1 to 10. The energy budget for individual compartments or trophic levels are:

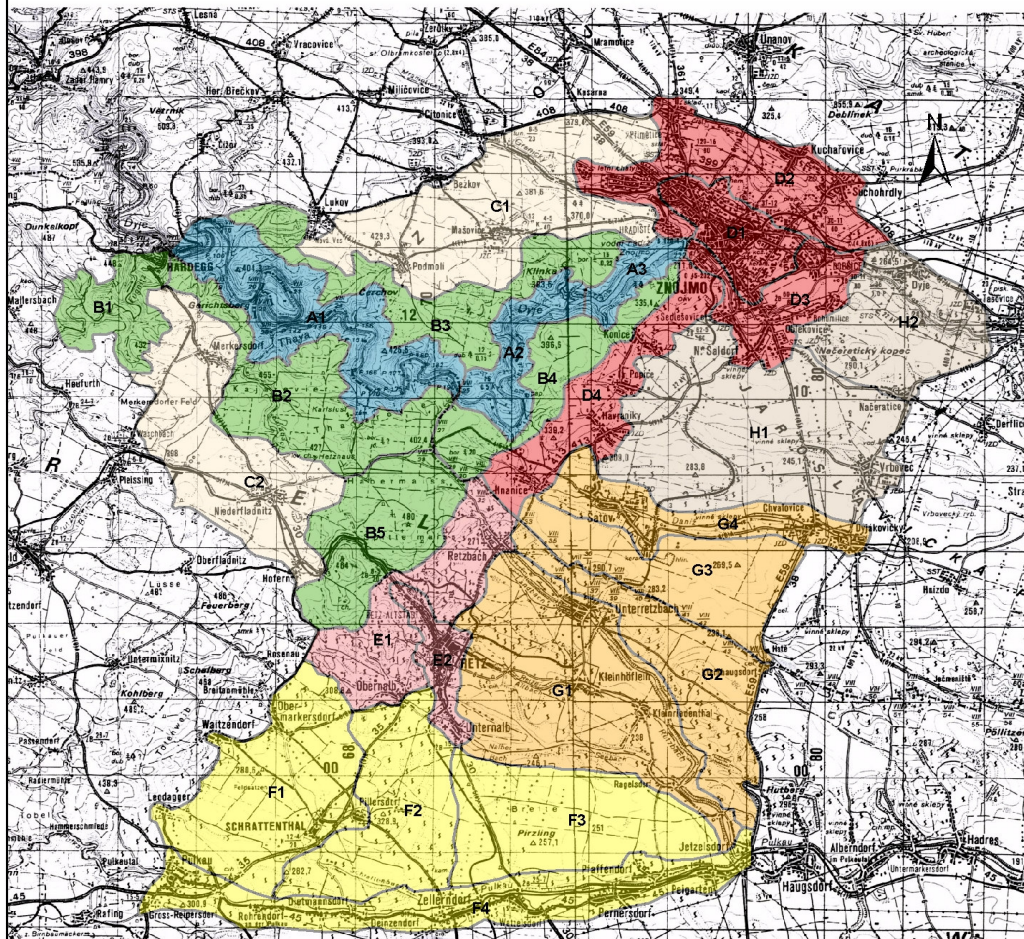


▲ **FIGURE 3-20** *Nutrient recycling and energy flow through an ecosystem.* Arranging organisms by feeding relationships and depicting the energy and nutrient inputs and outputs of each relationship show a continuous recycling of nutrients (blue) in the ecosystem, a continuous flow of energy through it (red), and a decrease in biomass (thickness of arrows).

CULTURAL LANDSCAPE UNITS

RETZ-ZNOJMO

Alois HYNEK, Kateřina KEPRTOVÁ, BRNO 2006



2 1 0 2 4 6 8 10 km

Znojmo-Retzland : Cultural Landscape Spatial Units (3.10.2006, AH&PK) double spatial symmetry

The Highland (10)

A Dyje/Thaya canyon

A1 Kaja-Liščí rock

A2 Šobes

A3 Znojman

B The Dyje/Thaya forestland

B1 Lower Fugnitz

B2 Kaja/Thaya revier

B3 Čerchov/Klinka

B4 Konice/Hnanice stretch

B5 Haber/Spittelmaiss

C Agrarian fringe

C1 Mašovice

C2 Niederfladnitz

Highland/Lowland edge (6)

D Znojman

D1 Znojmo centre

D2 Znojmo north crescent

D3 Znojmo south crescent

D4 Havraníky

E Retzian

E1 Retzbach/Obernalb

E2 Retz

The Lowland (10)

F Pulkau

F1 Schrattenthal

F2 Hüttenberg

F3 Pirzling

F4 Pulkautal

G Retzbach-Daníž

G1 Retzbachland

G2 Schatzberg

G3 Šibeničky

G4 Daníž valley

H Vrbovec/Načeratice

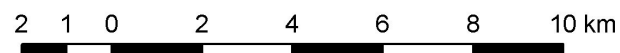
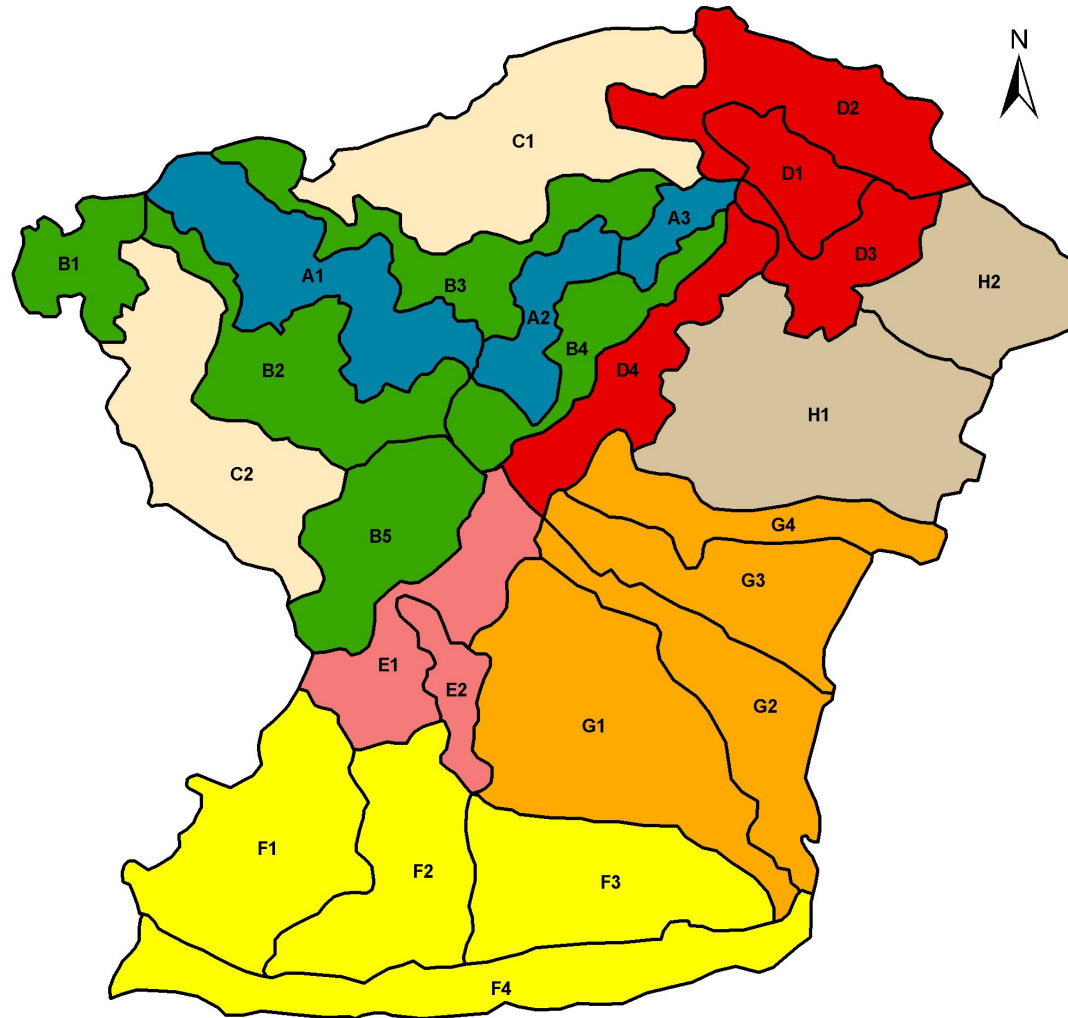
H1 Vrbovec

H2 Načeratice

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ZNOJMO-RETZ PHYSICAL LANDSCAPE SPATIAL UNITS AND THEIR COMPONENT STRUCTURE

A.Hynek, 2006

		rocks	landforms	topoclimate	hydricity	soil cover	potential vegetation
A	Dyje/Thaya canyon	crystalline	deep/steep valley floodplain	contrast aspect inverse	wet moist dry	lithosols rankers cambizems	oak hornbeam pine beech fir floodplain
B	Dyje/Thaya rim	crystalline sediments	grougths gullies ridges	contrast aspect inverse	semidry semiwet	cambisols luvisols rankers	oak hornbeam pine beech fir elm alder
C	Highland agricultural	sediments crystalline	plains low ridges vales	equal horizontal	semidry semiwet	luvisols pseudogleys	oak-beech- -hornbeam
D	Znojmo	loess sediments crystalline	valleys basin steps	contrast aspect inverse	semidry	mollisols fluvisols luvisols	oak-hornbeam- elm willow poplar
E	Retz	sediments crystalline	step piedmont	sunny slopes	semidry	cambisols mollisols	oak hornbeam pine
F	Pulkau	loess sediments	low ridge shallow valley	equal slight inversion	semidry	fluvisols mollisols cambisols	oak-hornbeam- elm willow poplar
G	Retzbach/Daniž	loess sediments	valleys ridges	sunny slopes	semidry	mollisols pellosols pararendzinas	oak-hornbeam- elm willow poplar
H	Dyje gorge	crystalline sediments	valley basin plain	contrast aspect inverse	moist dry	cambisols fluvisols luvisols	oak beech pine elm willow poplar







