Macro-remain Analysis of the High Medieval Sediments of Former Minorite Monastery in Olomouc, Czech Republic

During the reconstruction of depository in the city of Olomouc, the relics of the Medieval sediments were excavated. Medieval layers contained wood fragments, leather and bone fragments. According to the sherds chronology, the sediments were dated back to the High Medieval period.

Excavated area was probably a part of the Minorite Monastery. On the other hand, future research reveals that in that area Jewish ghetto took place since 15th century. Because of uncertainties owing to the reconstruction of the town in 16th century we cannot distinguish what theory to decide.

Thermodorphy species composition had been found. That in accordance with phytogeographical situation in Moravian thermodorphy. Both cornfield, vineyard and fellow land seeds were found. Most of them are diagnostic or dominant species of vegetation class "Soclellana", alliance "Caucalis latillapulus"

Some of the woodland trees used are very rare now, though they have been very common. It is due to the change of agrotechniques, the usage of herbicides or more effective cleaning of seeds.

Agrostemma githago, Bupleurum rotundifolium or stachys annua these species are now considered as "endangered" elements of flora of the Czech Republic.

Thripsodorphy aschauerii is thermodorphy ruderal species. With its density seeds could be used as food as birdseed as well. In thermodorphy boros areas it is a dominant species in association of rural vegetation unit. Thanosporum aschüeri with Trynesma vulgaris, Caudina sexta, Arctium minus, Anthriscus sylvestris, Crepis cinerea, Senecio vulgaris, Verbesina densiflora, etc. phloxes

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These plants could be either planted or collected in the near vicinity. In case of "monastery garden" the first hypothesis will be more plausible. We could also assume, that Thripsodorphy could be sub-species Cichorium intybus subsp. tollisii that was used as a ovans coffee.

Janiphrurus species is most probably used of A. caudina. It is often planted near minorite gardens and used as abormitum or for healing kidney or uri nary system. Most interesting are seeds of Nepeta racemosa, taht is non- native species in Czech republic and was imported from Caukassus. It is p lanted and used as healing plant.

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