

1.2 Black Alder-Ash Forest

Example: Remote Sedge-Alder-Ash Forest

This riparian community is mainly a small strip along streams and rivulets in water-dynamic broken terrain areas and valley basins or on spring slopes. Especially on the upper reaches and in basins of streams of downs and mountain ranges with high precipitation conditions, cool summers and mild winters. This type of forest is interwoven with the surrounding zonal forest, generally beech- and beech-mixed forests. The sites are mainly affected by surface leakage and therefore oxygen-rich water



Kahler Bach; Rural district Ortenau, north-western of Mooskopf; September 2006

Site characteristics:

Altitude:	submontane to montane (200 m to 760 m AMSL)
Soil reaction:	moderately to slightly acidic, base-rich (mostly carbonate-poor)
Nutrient value:	mesotrophic to eutrophic
Moist balance:	dynamic groundwater near to surface; short-term flooded sites, never waterlogged
Substrate, soil type:	coarse to fine grained substrate; wet gleys with moist to wet humus layer, which is quickly decomposed due to a very good oxygen supply

Predominate tree species: Ash Black Alder	Further tree species: (Sycamore Maple , Scots Elm)	Shrubs:	Herbs: Remote Sedge Enchanter's Nightshade Pendulous Sedge Yellow Pimpernel
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Plant sociology:

Class: Querce-Fagetea	Alliance: Alno-Ulmion
Order: Fagetalia sylvaticae	Association: Carici-remotae Fraxinetum Koch 26 ex Faber 36

Bordering communities water-side:

Spring meadows

Bordering communities landward:

Depending on the altitude zonal beech, beech-silver fir, and beech-oak forest communities.

Degree of endangerment:

after RIECKEN et al. 1994 throughout Germany: vulnerable (level 3)

0 extinct	2 endangered
1 critically endangered	3 vulnerable

