

Tab. 6: Waldgesellschaften (Querco-Fagetea und Vaccinio-Piceetea).

I.1: *Betula pendulae-Quercetum roboris*
 -a: trockenere Ausbildung
 -b: feuchtere Ausbildung

J.1: *Deschampsia flexuosa-Pinus sylvestris* -[Dicrano-Pinion]-Gesellschaft
 -a: Kiefernwald mit deutlichem Birkenaufkommen
 -b: Reiner Altersklassenforst

| Assoziation | I.1-a | | | I.1-b | | | J.1-a | | | J.1-b |
|----------------------------------|-------|-----|------|-------|------|------|-------|-----|------|-------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| laufende Nummer | | | | | | | | | | |
| Aufnahmenummer | B08 | B05 | A06 | C04 | C12 | B11 | A10 | A11 | C09 | C11 |
| Hang-Exposition | S | - | S | SO | N | - | SW | W | SSO | - |
| Hang-Neigung (%) | 10 | 0 | 3 | 5 | 5 | 0 | 10 | 5 | 20 | 0 |
| Oberboden: Bodenart | Su | . | Su | Us | Us | Su | Su | . | Su | . |
| Oberboden: pH (H ₂ O) | 4,12 | . | 4,85 | 5,15 | 4,97 | 4,22 | 4,11 | . | 3,96 | . |
| Deckung gesamt (%) | 97 | 95 | 100 | 100 | 100 | 98 | 95 | 95 | 98 | 98 |
| Deckung B1 (%) | 75 | 70 | 60 | 50 | 60 | 70 | 40 | 35 | 60 | 40 |
| Deckung B2 (%) | 15 | 5 | | | | 5 | | 8 | | |
| Deckung S (%) | 5 | 5 | 10 | 1 | 1 | 2 | | 2 | 2 | |
| Deckung K (%) | 90 | 85 | 90 | 100 | 80 | 80 | 70 | 50 | 90 | 95 |
| Deckung M (%) | 35 | 50 | 30 | 50 | 90 | 50 | 45 | 75 | 40 | 85 |
| Höhe B1 (m) | 25 | 25 | 20 | 20 | 17 | 25 | 25 | 25 | 25 | 17 |
| Höhe B2 (m) | 8 | 8 | | | | 12 | | 12 | | |
| Aufnahmefläche (m ²) | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Artenzahl | 24 | 39 | 31 | 33 | 26 | 22 | 18 | 15 | 18 | 16 |

Baumarten

| | | | | | | | | | | | |
|--|----|----|----|----|----|---|----|----|---|----|---|
| <i>Pinus sylvestris</i> ssp. <i>sylvestris</i> | B1 | 4 | r | 2a | 2a | . | r | 3 | 3 | 3 | 3 |
| <i>Pinus sylvestris</i> ssp. <i>sylvestris</i> | B2 | . | 2a | . | . | . | + | . | r | . | . |
| <i>Pinus sylvestris</i> ssp. <i>sylvestris</i> | S | r | . | . | . | 1 | + | . | . | . | . |
| <i>Pinus sylvestris</i> ssp. <i>sylvestris</i> | K | . | . | + | . | . | + | r | 1 | + | r |
| <i>Betula pendula</i> | B1 | 2b | 4 | 4 | 3 | 4 | 4 | 2b | 1 | 2a | . |
| <i>Betula pendula</i> | B2 | 2b | + | . | . | . | + | . | . | . | . |
| <i>Betula pendula</i> | S | 2a | 2m | 2a | . | . | . | . | . | + | . |
| <i>Betula pendula</i> | K | . | . | . | . | . | . | 1 | . | . | + |
| <i>Quercus robur</i> | B2 | . | r | . | . | . | . | . | . | . | . |
| <i>Quercus robur</i> | S | r | 1 | 2a | . | . | . | . | . | . | . |
| <i>Quercus robur</i> | K | 1 | . | 1 | 1 | 1 | 1 | 1 | 1 | 1 | r |
| <i>Betula pubescens</i> ssp. <i>pubescens</i> | B1 | . | . | . | . | . | 2b | . | + | . | . |
| <i>Betula pubescens</i> ssp. <i>pubescens</i> | B2 | . | . | . | . | . | + | . | . | . | . |
| <i>Betula pubescens</i> ssp. <i>pubescens</i> | K | . | . | . | . | . | . | + | . | . | . |

Säurezeiger (zumeist OD Quercetalia roboris und KC Vaccinio-Piceetea)

| | | | | | | | | | | |
|----------------------------------|----|----|----|----|----|----|----|----|----|----|
| <i>Deschampsia flexuosa</i> | 4 | 4 | 4 | 4 | 3 | 5 | 4 | 4 | 2b | 5 |
| <i>Hypnum cupressiforme</i> agg. | 2b | 2m | 2a | 2a | 3 | 3 | 3 | 4 | 2b | 5 |
| <i>Dicranum scoparium</i> | 2a | 2m | 2m | 1 | 2m | 2m | 2m | 2m | 2m | 2m |
| <i>Pleurozium schreberi</i> | 2a | 2m | 2a | 3 | 3 | 2b | 2b | 2b | 2b | . |
| <i>Dicranum polysetum</i> | 2m | 2m | . | 1 | . | 2m | 1 | . | 2m | . |
| <i>Dicranella heteromalla</i> | 1 | . | . | . | . | . | 2m | 2m | . | . |

KC Querco-Fagetea

| | | | | | | | | | | | |
|---------------------------|---|---|----|---|---|---|---|---|---|---|---|
| <i>Fagus sylvatica</i> | K | r | + | + | . | . | + | . | . | r | . |
| <i>Viola riviniana</i> | | . | . | . | 1 | . | . | . | . | . | . |
| <i>Atrichum undulatum</i> | | . | 2m | . | . | . | . | . | . | . | . |

OC Quercetalia roboris

| | | | | | | | | | | | |
|-----------------------------|--|---|---|---|---|----|---|---|---|---|---|
| <i>Carex pilulifera</i> | | + | . | + | 1 | 2m | 1 | . | . | + | . |
| <i>Luzula campestris</i> | | . | r | 1 | . | + | 1 | . | + | . | . |
| <i>Hieracium lachenalii</i> | | . | 1 | . | 1 | r | . | . | . | . | . |
| <i>Hypericum pulchrum</i> | | . | . | . | 1 | . | . | . | . | . | . |
| <i>Maianthemum bifolium</i> | | . | . | . | . | 2m | . | . | . | r | . |
| <i>Polytrichum formosum</i> | | . | . | . | . | 2m | . | . | . | . | . |

VC Quercion roboris

| | | | | | | | | | | | |
|----------------------------|--|---|---|---|---|---|---|---|---|---|---|
| <i>Lathyrus linifolius</i> | | . | . | + | . | . | . | . | . | . | . |
|----------------------------|--|---|---|---|---|---|---|---|---|---|---|

VD

| | | | | | | | | | | | |
|---|--|---|---|---|---|---|----|---|---|---|---|
| <i>Melampyrum pratense</i> ssp. <i>commutatum</i> | | . | 1 | + | 1 | 1 | 2m | . | . | . | . |
|---|--|---|---|---|---|---|----|---|---|---|---|

| Assoziation | I.1-a | | | I.1-b | | | J.1-a | | | J.1-b |
|---|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| laufende Nummer | B08 | B05 | A06 | C04 | C12 | B11 | A10 | A11 | C09 | C11 |
| <i>Scleropodium purum</i> var. <i>purum</i> | . | . | 2a | 2b | 2m | . | . | . | 1 | . |
| AD Betulo pendulae-Quercetum roboris | | | | | | | | | | |
| <i>Galium harcynicum</i> | . | 2m | . | . | 2m | . | . | . | . | . |
| <i>Pteridium aquilinum</i> (lok.) | . | . | . | 1 | . | . | . | . | . | . |
| d trockene Ausbildung | | | | | | | | | | |
| <i>Calluna vulgaris</i> (VD) | 2a | r | 2b | . | . | . | . | . | . | . |
| <i>Agrostis capillaris</i> (OD) | 2m | 1 | 2m | 1 | . | . | . | . | . | . |
| <i>Hypericum perforatum</i> | 1 | 1 | 1 | . | . | . | . | . | . | . |
| <i>Veronica officinalis</i> (OD) | 2m | + | 1 | . | . | . | . | . | . | . |
| d frischere Ausbildung | | | | | | | | | | |
| <i>Vaccinium myrtillus</i> (OD) | . | 2a | . | 2a | 2m | 1 | . | . | . | 1 |
| <i>Frangula alnus</i> (VD) | K | + | . | 1 | 1 | 1 | 1 | . | + | . |
| <i>Trientalis europaea</i> (AD) | . | . | . | 1 | 2m | 2a | . | . | . | . |
| Begleiter (Gefäßpflanzen) | | | | | | | | | | |
| <i>Sorbus aucuparia</i> ssp. <i>aucuparia</i> | K | . | 1 | + | + | 1 | r | + | + | + |
| <i>Dryopteris carthusiana</i> | . | . | . | . | r | . | . | . | r | + |
| <i>Anthriscus sylvestris</i> ssp. <i>sylvestris</i> | 1 | 1 | . | . | . | . | . | . | . | . |
| <i>Cirsium arvense</i> | + | r | . | . | . | . | . | . | . | . |
| <i>Epipactis helleborine</i> | + | r | . | . | . | . | . | . | . | . |
| <i>Cerastium holosteoides</i> | 1 | . | . | + | . | . | + | . | . | r |
| <i>Tanacetum vulgare</i> | + | + | . | + | . | . | . | . | . | . |
| <i>Taraxacum</i> sect. <i>Ruderalia</i> | . | 1 | . | 1 | . | r | . | . | . | . |
| <i>Holcus lanatus</i> | . | 2m | . | 1 | . | . | . | . | . | . |
| <i>Crataegus monogyna</i> var. <i>monogyna</i> | K | r | . | r | . | . | . | . | . | . |
| <i>Epilobium angustifolium</i> | . | . | . | r | . | . | . | . | . | 1 |
| <i>Rubus idaeus</i> | K | . | . | 1 | . | . | . | . | . | r |
| <i>Stellaria media</i> | . | . | . | . | + | . | . | . | . | + |
| <i>Senecio vernalis</i> | . | . | . | . | . | . | r | . | . | r |
| <i>Taraxacum</i> sp. | . | . | . | . | . | . | r | + | . | . |
| Begleiter (Moose und Flechten) | | | | | | | | | | |
| <i>Brachythecium rutabulum</i> | . | 2m | 2m | 1 | . | 2m | 2m | . | 2m | 1 |
| <i>Brachythecium albicans</i> | . | 2m | . | . | . | . | . | . | . | . |
| <i>Ceratodon purpureus</i> ssp. <i>purpureus</i> | . | 2m | . | . | . | . | . | . | . | . |
| <i>Rhytidiadelphus squarrosus</i> | . | . | . | . | 2m | . | . | . | . | . |
| <i>Orthodontium lineare</i> | . | . | . | . | . | . | . | 1 | 2m | . |
| <i>Cladonia pyxidata</i> | . | . | 1 | . | . | . | . | 1 | . | . |

Außerdem kommen je einmal vor:

in 1: *Tussilago farfara* 1, *Daucus carota* ssp. *carota* r, *Senecio jacobaea* ssp. *jacobaea* r; in 2: *Agrostis vinealis* 1, *Calamagrostis* 2m, *Agrimonia procera* 2m, *Dactylis glomerata* ssp. *glomerata* r, *Hieracium pilosella* +, *Leontodon autumnalis* ssp. *autumnalis* + *Fraxinus excelsior* (K) +; in 3: *Bromus hordeaceus* ssp. *hordeaceus* 1, *Festuca brevipila* var. *brevipila* 1, *Festuca guestfalica* 1, 1, *Cladonia subulata* 1, *Campylopus introflexus* 1, *Vicia cassubica* +, *Populus tremula* (S) r, *Hypericum montanum* r, *Genista ang* 4; *Deschampsia cespitosa* +, *Festuca rubra* r, *Ranunculus repens* 1, *Acer campestre* (K) r, *Rubus corylifolius* agg. (K) r; in 5: *Scor humilis* +, *Potentilla erecta* +, *Hypochaeris radicata* r, *Picea abies* (S) r, *Quercus rubra* (K) +; in 7: *Rumex acetosella* ssp. *acetos* 10; *Rumex acetosa* +

shaft

epigejos

†,

Luzula sp.

glica r; in

zonera

ella 1; in