

Tableau R1.7 Hêtraie à sapin (*Abieti-Fagetum*)
sous-associations hygrophiles (167,168,169)
Hêtraie à érable (*Aceri-Fagetum*)

160/3

180

R1.7.a Tableau de relevés

| Sous-associations/variantes | 167 | 168 | 168g | 169 | 169g | 185 | 185c | 186 |
|---|----------------|-------------------|---------------|---------------------|---------------|---------------------|---------------|----------------|
| Numéro de relevé | 1234567 | 8901234567 | 890123 | 456789012345 | 678901 | 234567890123 | 456789 | 0123456 |
| Arbres principaux | | | | | | | | |
| Y1 <i>Y-Abies alba</i> | 2113233 | 3rr+.+122. | 32223. | 1.+321.2331 | 3..+13 | 1+...111+.11 | 11..1r | ..2+..+ |
| <i>v-Abies alba</i> | 2.+11.1 | ++1111+1+. | +.1. | +...r...++++ | 1...11 | .+...+...2. | 1.+1.1 | ..+1.1+ |
| <i>Y-Fagus sylvatica</i> | 1222222 | 1222121.21 | 142322 | 133133252.1+ | 222+.1 | 113121121222 | 221111 | 5133422 |
| <i>v-Fagus sylvatica</i> | .141+. | +122.2.+3 | .+21+. | 11.22+.+3+12 | 2.1.+1 | +..+12++1+1.. | 11+1++ | +2+1+4. |
| <i>Y-Picea abies</i> | 222142. | 12323233.4 | 2.3.1+ | 3.332.1.23.1 | .3.4.. | 331333333.23 | 224233 | +3...2. |
| <i>v-Picea abies</i> | .211.1+ | 11++1.+1+. | 1.111+ | 1.21..+.1.+ |+ | ...+.1...+. | +1++1 |+ |
| Y2 <i>Y-Acer pseudoplatanus</i> | +..... | .2.1+r11.+ | ++11.3 | +.1.1+2121 | 223112 | ...1.212.. | 11.r+2 | .123224 |
| <i>v-Acer pseudoplatanus</i> | ..++..+ | +1.....+ | +.1.+ | +2.1...+.3 |+ | +1...+..+1++ | 1+.2++ | 22++..13 |
| <i>Y-Fraxinus excelsior</i> | ..... | ..... | .....2 |r...11 | .11... | ..... | ..... | ..... |
| <i>v-Fraxinus excelsior</i> | ..... | ..... | ..... | .....2...1 | .2.... | ..... | ..... | ..... |
| <i>v-Tilia platyphyllos</i> | ..... | ..... | ..... | .....r..... | ..... | ..... | ..... | ..... |
| <i>Y-Ulmus glabra</i> | ..... | ..... | .....2 |r..... | ..... | ..... | ..... | ..... |
| <i>v-Ulmus glabra</i> | ..... | ..... | .....+ | ..... | .....+ | ..... | ..... | ..... |
| Y3 <i>Y-Sorbus aria</i> | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| <i>v-Sorbus aria</i> | ..... | ..... | ..... | .....1.+.. | +.+.+ | ..... | ..... | ..r...+ |
| Y6 <i>Y-Larix decidua</i> | ..... | ..... | ..... | ..... | .....+ | .....r. | ..... | ..... |
| Groupes différentiels principaux | | | | | | | | |
| M11 <i>Anemone nemorosa</i> | .....+ | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| <i>Carex sylvatica</i> | +++..+ | 1+.1++++3+ | ...+1 |+.+.+ |+ | +.+.11+...1 | 1.+..+ | ...+..+ |
| <i>Dryopteris filix-mas</i> | .1...+1 | +11111.1.1 | 1.22+1 | 11112+12+11+ | .1++2+ | 13.2.+1121. | 111+11 | 13241+2 |
| <i>Galium odoratum</i> | +11...+ | 1122111+1r | 1+.112 | +.1111111.11 | 1212++ | 1.1..11.+1.+ | 1111.. | 1212+11 |
| <i>Hordelymus europaeus</i> | .1+...1 | +.2+...+ | ...1. | .1...1..1+r | 2...+ | r.+...+++r. | .1...+ | ..+..+ |
| <i>Lamium galeobdolon ssp.montanum</i> | .11...+ | 21.22+11.. | +++111 | +1211+1+.11+ | 12++11 | 1.1111+++1.1 | 11+1.1 | 1112111 |
| <i>Milium effusum</i> | ..... | ...+...2 | ..... | ..2+++.+.+ | ..... | .....+...+ | ...+..+ | +1+1... |
| <i>Phyteuma spicatum</i> | ..+.1+1 |+.1 | ...+1 |+.1+ | 11.... | .....+...+ | ...+..+ | ..... |
| <i>Polygonatum verticillatum</i> | +++..+ | 1++11+.111 | +1..1+ | 111111+1+11+ | ++...+ | +.+112211... | 1112+2 | 11++11+ |
| <i>Potentilla sterilis</i> | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| <i>Sanicula europaea</i> | ...+..+ | ...1+... | ..... | .....+.1 | .....+ | ...+...+ | ..... | ..... |
| <i>Senecio ovatus</i> | .1...+ | 11...+ | ..... | .1...+.+.+ | +r...+ | 21+...11. | ..... | ...+1+ |
| <i>Viola reichenbachiana</i> | ...+..+ | +1+...+ | ..... | +1...+.+.+ | ...+..+ | 1.+..11.+... | ...+..+ | +1...+ |
| M12 <i>Melica uniflora</i> | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| M13 <i>Ajuga reptans</i> | ..1...+ | +.12+... | ...+... | 1+...+ | ..... | 1...+11+1.+. | +11+1. | ...+... |
| <i>Aposeris foetida</i> |+ |1.1 | ..... | .....+ | 1.... |2 | ..... | ..... |
| <i>Veronica chamaedrys</i> | ..... | ...+...r | ..... | ..... | ..... | .....+ | ...+ | ..... |
| <i>Vicia sepium</i> | r..... | ...+...+ | ..... | .....r.r. | ..... | ..... | ..... | ...r.. |
| M21 <i>Brachypodium sylvaticum</i> | ..... | ..... | .....2 | ..... | .....+ | ..... | ..... | ..... |
| <i>Bromus benekenii</i> |+ | ..1..... | r...+ | ...r..... | ...+..+ | ..... | ..... | ..... |
| <i>Euphorbia dulcis</i> | ..... | ..... | ..... | ..... | ..... | ...+..... | ..... | 1..... |

Tableau R1.7: Hêtre à sapin 160 (*Abieti-Fagetum*), sous-associations 167,168,169
Hêtre à érable 180 (*Aceri-Fagetum*)

| Sous-associations/variantes | 167 | 168 | 168g | 169 | 169g | 185 | 185c | 186 |
|---|----------------|--------------------------------|--------------------------|--------------------------------------|--------------------------|--------------------------------------|--------------------------|-----------------------------|
| Numéro de relevé | 1234567 | 11111111 8901234567 | 112222 890123 | 222222333333 456789012345 | 333344 678901 | 444444445555 234567890123 | 555555 456789 | 66666666 0123456 |
| H34 <i>Polygonum bistorta</i> | ..... | ..... | ..... | ..... | ..... | .....+.. | ...+.. | ..... |
| <i>Ranunculus repens</i> | +..... | ..... | ..... | ..+..... | ..... | .....r..... | ..... | ..... |
| <i>Silene dioica</i> | ..... | ...+...+ | ..... | ..+.....r. | .....+ | .....+...+ | .....+ | ..... |
| H41 <i>Aconitum altissimum</i> aggr. | ..... | ...+...1 | ...+1+ | 1.+.....+11 | .1r++. | .r...1+1+1. | ..1..+ | 1.+11+1 |
| <i>Adenostyles alliariae</i> | .12..+ | 22+114.2.+ | 1..11. | 2+.222+.1.. | ..... | +32411233231 | 131112 | 2323.21 |
| <i>Alnus viridis</i> | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| <i>Cicerbita alpina</i> | +..... | ..... | ..... | .....r.r | ..... | 2111231142+ | 131111 | 1121111 |
| <i>Epilobium alpestre</i> | ..... | ..... | ..... | ..... | ..... | .....+.....+ | ..... | ..... |
| <i>Hieracium prenanthoides</i> | ..... | ..... | ..... | ..... | ..... | .....r..... | ..1..+ | ..... |
| <i>Ranunculus aconitifolius</i> aggr. | +..21. | +...+..... | ...++. | ..1...1..... | ++..... | ++.1+++++13. | 1+++11 | +11.r++ |
| <i>Rumex alpestris</i> | +..... | .1..... | ..... | ..1..... | ..... | r+.+++++..... | ...+1 | 1.11.+. |
| <i>Saxifraga rotundifolia</i> | ..... | +...+...+ | ..+r.. | ..... | ..... | .1.+++++12+ | r++2+1 |+ |
| <i>Stellaria nemorum</i> | .1..... | .1.....1 | ..... | .3+2..... | ..... | +...+...+.. | .1..... | r..... |
| <i>Thalictrum aquilegiifolium</i> | ..... | .....r... | ..... | ..... | ..... | ...+...r...+ |+ | ...+.... |
| <i>Tozzia alpina</i> | ..... | ..... | ..... | ..... | ..... | .....+..... | ..... | ..... |
| H42 <i>Aruncus dioicus</i> | ..... | .....+ | ..... | +.....3++. | ..... | .....1...1. | ..... | +...11+ |
| <i>Petasites albus</i> | r...1.2 |1..2 | 434343 | ..2...+1132 | 335454 | ..2..2...+.1 | 1.1.2. | ...1.4 |
| H43 <i>Anthriscus nitida</i> | ..... | ..... | ..... | ..... | ..... | .....+..1.. | ..... | ..... |
| H44 <i>Aconitum compactum</i> | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .1..... |
| <i>Campanula rhomboidalis</i> | ..... | ..... | ..... | ..... | ..... | ...r...+...+ | ..... | ...+.. |
| <i>Chaerophyllum villarsii</i> | ..... | ..... | ..... | +..... | ..... | ..+.....+..... | ..... | ..... |
| <i>Hypericum maculatum</i> | r.1..... | ..... | ..... | ..... | ..... | .....1...+ | ...2+. | ..... |
| <i>Veratrum album</i> | ..... | .....+.. | ..... | +...+...+. | ..... | .r...+..... | ..... | ...r.+. |
| A11 <i>Homogyne alpina</i> | ..... | ..... | ..... | ..... | ..... | ..... | ...1. | ..... |
| <i>Luzula luzulina</i> | +.....+ |r | ..... | ..... | ..... | ...+...+..... | ...++..+ | ..... |
| <i>Luzula sylvatica</i> | ..+1++. | ++..... | ..... | ..... | ..... | ..1...+...+ | ..211. | ..r..... |
| <i>Maianthemum bifolium</i> | 1..... | .....+ | ..... | ..... | ..... | ..... | ..1..+ | ..... |
| <i>Melampyrum sylvaticum</i> | ..... | ...1..... | ..... | ..... | ..... | ...+..2..... | 1..112 | ..... |
| <i>Vaccinium myrtillus</i> | 1112312 | 1+...++. | ..... | ..... | ..... | ..1..11+... | 311122 | .1..... |
| A12 <i>Blechnum spicant</i> | ++..+1.r | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| <i>Oreopteris limbosperma</i> | .....+ | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| A14 <i>Potentilla erecta</i> | +..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| A15 <i>Dicranum scoparium</i> | ..+11 | +...+1+...+ | ...+. | ...+..... | ..... | +...+...+1... | 211.11 | +..... |
| <i>Hylocomium splendens</i> | ..+2+2 | ..... | ..1.. | ..... | ..... | ...+...+..1. | 1.12. | ..... |
| <i>Pleurozium schreberi</i> | ..... | ..... | ..... | ..... | ..... | ...1..... | ..... | ..... |
| <i>Polytrichum formosum</i> | ++..11++ | ..... | ..... | ..... | ..... | ..... | +++..+ | ..... |
| <i>Rhytidiadelphus loreus</i> | .1+211 | +...+..... | +..1.+. | ...+...1. | ..... | .1..2..11..1. | 12231+ | ..... |
| A21 <i>Galium rotundifolium</i> | .....+ | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| <i>Melampyrum pratense</i> | ..... | ..... | ..... | ..... | ..... | ...+..... | ..... | ..... |
| <i>Veronica officinalis</i> | ..+...++ |+.1r | ..... | ..... | ..... | +..... | ..... | ..... |
| A22 <i>Agrostis capillaris</i> | +..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| <i>Anthoxanthum odoratum</i> | ..... | ...+..... | ..... | ..... | ..... | ..... | ..... | ..... |
| A31 <i>Ptilium crista-castrensis</i> | .....+ | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| B11 <i>Cardamine heptaphylla</i> | ..... | ..... | ..... | 1....211+.1 | ...11 | +..1...+...+ | .1+.1. | 122.+1 |
| <i>Cardamine pentaphyllos</i> | ..... | +..... | +..... | .2131..... | ..... | .1..1+...+ | ...1.1 | 2..1+.. |
| <i>Daphne mezereum</i> | ..... | ...+..... | ..... | ..... | ..... | ..... | ..... | ..... |
| <i>Helleborus foetidus</i> | ..... | ..... | ..... | ...r.r..... | ..... | ..... | ..... | ..... |
| <i>Lathyrus vernus</i> | ..... | +..... | ..... | ...11++r+...+ | +1.... |r..... |+ | ++...+ |
| <i>Valeriana montana</i> | ..... | .....+.. | ..... | ..... | ..... | ...+..1..... | ..1.1. | .1+.... |
| B12 <i>Mercurialis perennis</i> | ..... | ..... | ..... | ...2...+2421 | 2+23+1 |1..... | ..... | ...++1 |
| B21 <i>Euphorbia amygdaloides</i> | ..... | ..... | ..... | ...+..... | ..... | ..... | ..... | ..... |
| <i>Lilium martagon</i> | ..... | ..... | ..... | +.....+r | ..... | ...r..... | ..... | ...+.. |
| <i>Melica nutans</i> | ..... | ..... | ..... | ..... | ..... | ...r..... |+ | +..... |
| B22 <i>Lonicera alpigena</i> | ..... | ...+..... | ..... | +..1...+ | 11..1. | +...r+..... | ...+.. | +1+...+ |
| <i>Ribes alpinum</i> | ..... | ..... | ..... | ...+..... | ..... | +...r...+..... |+ | +++...+ |

Tableau R1.7: Hêtre à sapin 160 (*Abieti-Fagetum*), sous-associations 167,168,169
Hêtre à érable 180 (*Aceri-Fagetum*)

| Sous-associations/variantes | 167 | 168 | 168g | 169 | 169g | 185 | 185c | 186 |
|--|----------------|--------------------------------|--------------------------|--------------------------------------|--------------------------|--------------------------------------|--------------------------|-----------------------------|
| Número de relevé | 1234567 | 11111111 8901234567 | 112222 890123 | 222222333333 456789012345 | 333344 678901 | 444444445555 234567890123 | 555555 456789 | 66666666 0123456 |
| <i>Rosa canina</i> | r..... | ..... | ..... | ..... | ..... | .....r..... | ..... | ..... |
| <i>Viburnum lantana</i> | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| S11 <i>Ctenidium molluscum</i> | ..... | ...+..... | ...+.. | .....+..... | .....+ | .1...1.1.... | 21+.11 | +..+..+ |
| <i>Moehringia muscosa</i> | ..... | ..... | ..... | ..... | ..... | ..... | +..... | ..... |
| S12 <i>Asplenium viride</i> | ..... | ..... | ..... | ..... | ..... | ..... | ++..++ | ..... |
| S21 <i>Gymnocarpium robertianum</i> | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .....+ |
| <i>Polystichum lonchitis</i> | ..... | ..... | ..... | ..... | ..... | ..... | ..+... | .....+ |
| S22 <i>Lunaria rediviva</i> | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .11.... |
| Autres groupes d'espèces | | | | | | | | |
| V1 <i>Corylus avellana</i> |+ | .r.....++ | r1...2 | .....+. | +..... | ..... | ..... | ..... |
| <i>Lonicera xylosteum</i> | ..... | ..+..... | .....1 |1. | .1.... | .....+ | ..... | ..... |
| <i>Ribes petraeum</i> | ..... | .....+. | ...+.. | .1+..... | ..... | +..2+.1.1.. | .1.... | +1.... |
| <i>Rosa pendulina</i> | ...1+. | ...+..... | ...+.. | +1+..... | +..... |+r+. | +..+11 | +++r.1 |
| V2 <i>Lonicera nigra</i> | 1+++.++1 | +1++1r...1 | ++..++ | +1..+1.1+. | +..... | 1+....+..... | 111+.1 | ...1r1. |
| <i>Sorbus aucuparia</i> | +++++.+ | +1..1.r.+ | +..r. | ..+..+..+.. |+ | +..+11.+++r1+ | 1211+1 | 1+1+.1+ |
| V3 <i>Rubus fruticosus</i> aggr. | ...++++ | ..+.....+ | ...+.. |1.... | ..... | .....1.... | ..... | ..... |
| <i>Salix appendiculata</i> | .....+ | ..... | ..... | ..... | ..... | .....+. | r+.... | ..... |
| <i>Salix caprea</i> | ..... | ..+..... | ..... | .....+. | ..... | .....+. | .....+ | ..... |
| <i>Sambucus racemosa</i> | .r...+. | .+1..+.2+ | +..... | .1.....+r | ...+. | +..+.....+. | ...+.. | .1+.... |
| V4 <i>Populus tremula</i> | ...+. | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| C1 <i>Dryopteris carthusiana</i> | +..... | ..1.....+ | ..... | .....+. | ..... | 1..... | ..... | ..... |
| <i>Dryopteris dilatata</i> | .1...++ | +1..+.1. | +1++. | ...+.....+r | ...+. | ..+.1++1... | 11++11 | +...+. |
| <i>Festuca altissima</i> | ..... | ..+1.1.1. | ..r... |+1.1.. |+ | r..r+..+..+ | .2.... |4. |
| <i>Hieracium murorum</i> aggr. | +1.1+1 | +..+1..+1 | ..+1+ | ..... | +..... | ..1..+1..+ | +1..++ | ..... |
| <i>Hypnum cupressiforme</i> | .....+ | ..... | ..... | .....+ | ..... | .....r..... | ..... | ..... |
| <i>Luzula pilosa</i> | .....+ | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| <i>Orthilia secunda</i> | ..... | +..... | ..... | ..... | ..... | .....+. | ..... | ..... |
| <i>Oxalis acetosella</i> | 23+..21 | 22.131.214 | 212++. | 11311.1..421 | .3.+11 | 32+1..+.2+.2. | +1..+1 | 1321.. |
| <i>Prenanthes purpurea</i> | ++..1+2 | ...1.+..... | ++..1+1 | 1..+.1+++. | +.....+ | ..2+..+12+1+ | 1+3..1 | +1.12. |
| <i>Solidago virgaurea</i> | ...+++ | +.....+. | ..r+. | +.....+. | ..... | ..... | ...1+ | .1.... |
| <i>Veronica urticifolia</i> | ..1+.+ |++. | ...+++ | ...r...+.++ | +...++ | ...+1+++1 | ..+11+ | +..... |
| C4 <i>Atrichum undulatum</i> | +...+ | ...+...+ | +..... | .....+. | ..... | ...+...+ | ..... | ..... |
| <i>Carex digitata</i> | ..+.... | ..... | ..... | ..... | ..... | ..... | ...1+ | ..... |
| <i>Eurhynchium striatum</i> | ..... | +..... | 2+.... | ..1...2.. | ...+. | +...+..... | +++.. | ..... |
| <i>Fissidens taxifolius</i> | ..... | .....+. | ...r+. | ..... | ...+. | ..... | ..... | ..... |
| <i>Neottia nidus-avis</i> | +..... |+r | ...+. | ..... | ..... | ..... | ..... | ..... |
| <i>Valeriana tripteris</i> | ..... | ..... | ...r+. | ..... | ..... | ..... | ..... | ..... |
| C3 <i>Dactylorhiza maculata</i> | ..... | .....+. | ..... | ..... | ..... | .....+. | +..... | .....+ |
| <i>Epipactis helleborine</i> | ...+..+ | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| <i>Gymnocarpium dryopteris</i> | .r....1 | ..... | ..... | ..... | ..... | +..... | +..... | +..... |
| <i>Platanthera bifolia</i> | ..... | ..+..... | ..... | ..... | ..... | ..... | ..... | ..... |
| <i>Rhytidadelphus triquetrus</i> | +1...+ | ...3.... | +..... | ...+. | +..... | +...+2r3.. | 111..+ | ..... |
| <i>Thuidium tamariscifolium</i> | 1...+. | ..... | 1.... | ..... | ..... | +...+..... | ..... | ..... |
| L1 <i>Alchemilla vulgaris</i> aggr. | +..... | ..+..... | ..... | ..... | ..... | ...+..... | +...+ | ..... |
| <i>Anthriscus sylvestris</i> | ..... | ..... | ..... | ..... | ..... | ..1.... | ..... | +r.... |
| <i>Dactylis glomerata</i> | ..... | ..... | ..... | r..... | ..... | .....1....+ | ..... | ..... |
| <i>Festuca rubra</i> | ..... | ..... | ..... | ..... | ..... | ..... | .....++ | ..... |
| <i>Prunella vulgaris</i> | ..... | ..... | ..... | ..... | ..... | .....+ | ..... | .....r.. |
| <i>Silene vulgaris</i> | ..... | ..... | ..... | ..... | ..... | ..... | ...+1 | ..... |
| <i>Taraxacum officinale</i> | ..... | ..... | ..... | ..... | ...+. | ..... | ..... | ..... |
| L2 <i>Carex pairae</i> | r..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| <i>Epilobium angustifolium</i> | ..... | .....+. | ..... | ..... | ..... | +.....r..... | ..... | ..... |
| <i>Epilobium montanum</i> | +...++ | ++...++1+ | +...+ |+r.r | ..... | +..+..+...+ | .....++ | +r.... |
| <i>Fragaria vesca</i> | ..1+..+ | ..2.1+.1+ | ...+1 | .1..+++. | +.....+ | 1...++...++ | 11+.11 |+. |

Tableau R1.7: Hêtraie à sapin 160 (*Abieti-Fagetum*), sous-associations 167,168,169
 Hêtraie à érable 180 (*Aceri-Fagetum*)

| Sous-associations/variantes | 167 | 168 | 168g | 169 | 169g | 185 | 185c | 186 |
|------------------------------|----------------|-----------------------------|----------------------|----------------------------------|----------------------|----------------------------------|----------------------|------------------------|
| Numéro de relevé | 1234567 | 111111111 8901234567 | 112222 890123 | 222222333333 456789012345 | 333344 678901 | 444444445555 234567890123 | 555555 456789 | 6666666 0123456 |
| L2 <i>Galeopsis tetrahit</i> |+ | +.+.++ |1 | .++..... | ..... | ..... | ..... | ..... |
| <i>Moehringia trinervia</i> | ..... | .....+. . | ..... | .....r..... | ..... | ..... | ..... | ..... |
| <i>Mycelis muralis</i> | ..... | .....+.+. . | ..... | .+...r..... | ..... | ..... | ++..... | .1..... |
| <i>Myosotis sylvatica</i> | ..... | ..... | ..... | ..... | ..... | .....+ | ..... | ..... |
| <i>Rubus idaeus</i> | 1+1...+1 | ++12+11...+ | 1.+... | +22.r+.+.1r |+ | 2++++12+.1.+ | +1+2+1 |1. |
| L3 <i>Aquilegia vulgaris</i> | ..... | .....+. . | ..... | ..... | ..... | .....r...r... | ..... | .....+. . |
| <i>Cirsium erisithales</i> | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| <i>Hypericum hirsutum</i> | ..... | ...r..... | ..... | ..... | ..... | ..... | ..... | ..... |
| <i>Stachys alpina</i> | ..... | ..... | ..... | ..... | .....r | ..... | ..... | ..... |
| L4 <i>Carex ferruginea</i> | ..... | ..... | ..... | ..... | .....+ | .....+ | ..... | ..... |
| <i>Crepis pyrenaica</i> | ..... | ..... | ..... | ..... | ..... | ..... | .....+ | .....+. . |
| <i>Leucanthemum adustum</i> | ..... | ..... | ..... | ..... | ..... | ..... | .....+ | .....r. |

Tableau R1.7: Hêtraie à sapin 160 (*Abieti-Fagetum*), sous-associations 167,168,169
Hêtraie à érable 180 (*Aceri-Fagetum*)

R1.7.b Localisation et données stationnelles des relevés

Contenu des colonnes

| | | | |
|------------|---|------------|---|
| N | Numéro du relevé dans le tableau | PE | Pente [°] |
| GR | Groupement végétal | EXP | Exposition |
| NVD | Numéro de relevé dans la banque de données VD | Y | Recouvrement de la strate arborescente |
| CN | Numéro de la carte nationale au 1/25'000 | sY | Recouvrement de la strate sous-arborescente |
| RE | Région: JC Jura/Côte, PL Plateau, AL Alpes | v | Recouvrement de la strate arbustive |
| CS1 | Coordonnée horizontale | h | Recouvrement de la strate herbacée |
| CS2 | Coordonnée verticale | m | Recouvrement de la strate muscinale |
| ALT | Altitude [m] | | |

| N | GR | NVD | CN | RE | CS1 | CS2 | ALT | PE | EXP | Y | sY | v | h | m |
|----|------|--------|------|----|---------|---------|------|----|-----|----|----|----|-----|----|
| 1 | 167 | 901174 | 1182 | JC | 524.800 | 188.000 | 1127 | 7 | SSE | 10 | 20 | 25 | 45 | 2 |
| 2 | 167 | 930187 | 1183 | JC | 538.400 | 192.300 | 1280 | 4 | ENE | 20 | 35 | 20 | 95 | 3 |
| 3 | 167 | 961034 | 1261 | JC | 499.200 | 144.400 | 1207 | 6 | SSO | 2 | 40 | 40 | 60 | 1 |
| 4 | 167 | 930802 | 1244 | AL | 560.400 | 149.200 | 1221 | 17 | NO | 20 | 60 | 2 | 35 | 15 |
| 5 | 167 | 930800 | 1244 | AL | 560.800 | 149.200 | 1201 | 13 | NO | 40 | 20 | 5 | 70 | 70 |
| 6 | 167 | 930121 | 1244 | AL | 561.000 | 149.000 | 1201 | 13 | NO | 40 | 35 | 2 | 45 | 5 |
| 7 | 167 | 970192 | 1265 | AL | 574.900 | 143.200 | 1282 | 33 | NNE | 10 | 20 | 5 | 90 | 60 |
| 8 | 168 | 931078 | 1183 | JC | 536.400 | 190.800 | 1215 | 7 | S | 50 | 30 | 1 | 75 | 1 |
| 9 | 168 | 930189 | 1183 | JC | 538.000 | 192.000 | 1300 | 16 | NE | 20 | 40 | 20 | 70 | 15 |
| 10 | 168 | 890241 | 1202 | JC | 520.352 | 172.487 | 1148 | 8 | ENE | 70 | 0 | 40 | 90 | 0 |
| 11 | 168 | 910146 | 1222 | JC | 515.600 | 161.200 | 1375 | 12 | E | 50 | 10 | 10 | 60 | 2 |
| 12 | 168 | 970480 | 1201 | JC | 511.200 | 171.200 | 1171 | 3 | NNO | 10 | 25 | 10 | 95 | 95 |
| 13 | 168 | 960329 | 1261 | JC | 498.000 | 140.800 | 1276 | 13 | E | 15 | 10 | 15 | 75 | 0 |
| 14 | 168 | 950866 | 1264 | AL | 562.795 | 143.675 | 1239 | 29 | NNO | 50 | 20 | 5 | 60 | 15 |
| 15 | 168 | 970577 | 1264 | AL | 563.600 | 136.800 | 1380 | 22 | ONO | 60 | 20 | 20 | 60 | 1 |
| 16 | 168 | 961211 | 1264 | AL | 564.400 | 140.000 | 1143 | 23 | OSO | 25 | 10 | 15 | 90 | 5 |
| 17 | 168 | 910352 | 1285 | AL | 575.200 | 133.500 | 1155 | 17 | NNE | 60 | 20 | 30 | 30 | 0 |
| 18 | 168g | 980323 | 1245 | AL | 579.600 | 146.400 | 1200 | 35 | NO | 35 | 25 | 5 | 90 | 30 |
| 19 | 168g | 980544 | 1246 | AL | 585.200 | 150.800 | 1149 | 42 | E | 40 | 35 | 5 | 60 | 2 |
| 20 | 168g | 950511 | 1364 | AL | 562.850 | 136.400 | 1178 | 38 | ONO | 10 | 60 | 35 | 65 | 50 |
| 21 | 168g | 970774 | 1265 | AL | 570.100 | 144.800 | 1342 | 28 | NO | 20 | 60 | 25 | 60 | 1 |
| 22 | 168g | 970548 | 1265 | AL | 572.400 | 144.800 | 1360 | 39 | N | 10 | 45 | 15 | 90 | 5 |
| 23 | 168g | 920704 | 1285 | AL | 571.700 | 133.700 | 1210 | 43 | SE | 50 | 15 | 20 | 65 | 1 |
| 24 | 169 | 901078 | 1182 | JC | 531.070 | 189.675 | 1279 | 27 | NO | 50 | 10 | 5 | 100 | 0 |
| 25 | 169 | 930994 | 1183 | JC | 541.200 | 191.700 | 1267 | 15 | NE | 30 | 10 | 50 | 85 | 2 |
| 26 | 169 | 880184 | 1202 | JC | 516.800 | 170.000 | 1350 | 10 | SE | 65 | 5 | 10 | 80 | 3 |
| 27 | 169 | 921245 | 1241 | JC | 498.800 | 152.400 | 1130 | 27 | NO | 40 | 30 | 20 | 65 | 2 |
| 28 | 169 | 950912 | 1241 | JC | 504.400 | 150.000 | 1293 | 14 | O | 20 | 45 | 20 | 55 | 1 |
| 29 | 169 | 960889 | 1261 | JC | 499.975 | 141.950 | 1145 | 7 | ESE | 35 | 30 | 0 | 75 | 1 |
| 30 | 169 | 930752 | 1244 | AL | 561.600 | 147.200 | 1254 | 38 | ONO | 25 | 10 | 10 | 95 | 0 |
| 31 | 169 | 980434 | 1245 | AL | 575.075 | 147.900 | 1350 | 41 | OSO | 20 | 85 | 2 | 70 | 1 |
| 32 | 169 | 950869 | 1264 | AL | 563.985 | 144.393 | 1342 | 32 | ONO | 60 | 20 | 60 | 70 | 1 |

Tableau R1.7: Hêtraie à sapin 160 (*Abieti-Fagetum*), sous-associations 167,168,169
Hêtraie à érable 180 (*Aceri-Fagetum*)

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| N | GR | NVD | CN | RE | CS1 | CS2 | ALT | PE | EXP | Y | sY | v | h | m |
|----|------|--------|------|----|---------|---------|------|----|-----|----|----|----|-----|----|
| 33 | 169 | 920732 | 1284 | AL | 567.400 | 127.650 | 1245 | 15 | O | 30 | 45 | 5 | 95 | 30 |
| 34 | 169 | 920603 | 1285 | AL | 568.400 | 128.500 | 1299 | 38 | ONO | 35 | 50 | 5 | 45 | 1 |
| 35 | 169 | 920476 | 1285 | AL | 570.000 | 122.000 | 1268 | 36 | ONO | 15 | 70 | 5 | 70 | 1 |
| 36 | 169g | 970598 | 1264 | AL | 563.200 | 134.800 | 1440 | 36 | SSO | 60 | 20 | 25 | 90 | 0 |
| 37 | 169g | 960114 | 1265 | AL | 569.000 | 134.000 | 1158 | 35 | NNE | 40 | 30 | 20 | 85 | 1 |
| 38 | 169g | 970441 | 1265 | AL | 570.965 | 145.530 | 1200 | 28 | E | 60 | 25 | 5 | 85 | 1 |
| 39 | 169g | 970114 | 1265 | AL | 575.860 | 144.780 | 1270 | 29 | NO | 55 | 20 | 0 | 85 | 1 |
| 40 | 169g | 920475 | 1285 | AL | 570.000 | 122.400 | 1236 | 35 | NNO | 10 | 10 | 5 | 85 | 3 |
| 41 | 169g | 910593 | 1285 | AL | 571.940 | 122.375 | 1137 | 26 | NNO | 35 | 30 | 5 | 75 | 5 |
| 42 | 185 | 901081 | 1182 | JC | 525.200 | 183.200 | 1277 | 2 | NNO | 55 | 0 | 0 | 100 | 1 |
| 43 | 185 | 931085 | 1183 | JC | 535.925 | 191.570 | 1330 | 33 | NNO | 40 | 10 | 10 | 70 | 15 |
| 44 | 185 | 930997 | 1183 | JC | 540.400 | 191.600 | 1240 | 13 | N | 30 | 10 | 0 | 98 | 2 |
| 45 | 185 | 880076 | 1202 | JC | 524.400 | 180.500 | 1376 | 18 | NO | 50 | 0 | 10 | 100 | 20 |
| 46 | 185 | 950456 | 1241 | JC | 500.400 | 146.000 | 1265 | 15 | NNE | 30 | 15 | 20 | 80 | 35 |
| 47 | 185 | 951078 | 1241 | JC | 501.000 | 150.000 | 1347 | 12 | SE | 15 | 40 | 5 | 100 | 15 |
| 48 | 185 | 950389 | 1241 | JC | 506.000 | 151.200 | 1352 | 12 | NNO | 30 | 20 | 5 | 100 | 40 |
| 49 | 185 | 920808 | 1241 | JC | 512.400 | 156.800 | 1344 | 12 | N | 15 | 65 | 3 | 85 | 5 |
| 50 | 185 | 960707 | 1261 | JC | 498.800 | 142.400 | 1465 | 12 | SSE | 30 | 25 | 2 | 90 | 1 |
| 51 | 185 | 930710 | 1244 | AL | 563.000 | 149.045 | 1460 | 40 | NO | 30 | 10 | 5 | 100 | 0 |
| 52 | 185 | 970581 | 1264 | AL | 563.200 | 136.000 | 1463 | 30 | NO | 25 | 15 | 15 | 80 | 20 |
| 53 | 185 | 980159 | 1264 | AL | 563.200 | 141.600 | 1450 | 41 | ONO | 40 | 15 | 10 | 85 | 2 |
| 54 | 185c | 970108 | 1221 | JC | 508.400 | 168.000 | 1382 | 9 | ESE | 10 | 35 | 40 | 60 | 35 |
| 55 | 185c | 970110 | 1221 | JC | 508.500 | 168.400 | 1400 | 19 | ENE | 25 | 10 | 20 | 90 | 20 |
| 56 | 185c | 940664 | 1221 | JC | 514.800 | 160.000 | 1385 | 7 | ONO | 30 | 15 | 10 | 80 | 65 |
| 57 | 185c | 950733 | 1241 | JC | 499.200 | 146.400 | 1351 | 15 | NNE | 10 | 20 | 20 | 95 | 45 |
| 58 | 185c | 921141 | 1241 | JC | 501.200 | 153.200 | 1386 | 13 | NO | 10 | 35 | 0 | 90 | 60 |
| 59 | 185c | 921008 | 1241 | JC | 508.000 | 155.600 | 1436 | 10 | ONO | 25 | 25 | 5 | 90 | 30 |
| 60 | 186 | 930157 | 1183 | JC | 542.125 | 191.520 | 1314 | 14 | NE | 95 | 0 | 2 | 80 | 5 |
| 61 | 186 | 880220 | 1202 | JC | 517.020 | 171.030 | 1415 | 28 | ESE | 40 | 15 | 30 | 80 | 3 |
| 62 | 186 | 880027 | 1202 | JC | 523.600 | 179.600 | 1379 | 15 | NNE | 95 | 15 | 10 | 80 | 7 |
| 63 | 186 | 920809 | 1241 | JC | 512.385 | 156.855 | 1342 | 11 | SSE | 90 | 5 | 2 | 100 | 1 |
| 64 | 186 | 960134 | 1261 | JC | 498.000 | 143.300 | 1442 | 33 | E | 70 | 25 | 1 | 100 | 1 |
| 65 | 186 | 960708 | 1261 | JC | 499.200 | 142.400 | 1373 | 15 | ESE | 20 | 35 | 50 | 98 | 2 |
| 66 | 186 | 950870 | 1264 | AL | 563.945 | 144.420 | 1310 | 30 | NO | 60 | 10 | 30 | 100 | 1 |