

**Tabelle 4.** Wald- und Gebüschgesellschaften: Nr. A: *Corno-Ligustretum rubetosum caesii* (Ilijanić et al. 1998, Tab. 2, 2 Aufn.), Nr. B: *Salicetum cinereae* (Ularu & Parascan 1970, 6 Aufn.), Nr. C: *Genisto elatae-Quercetum roboris* (Ilijanić et al. 1998, Tab. 2, 6 Aufn.), Nr. D: *Carpino betuli-Quercetum roboris* (Ilijanić et al. 1998, Tab. 2, 4 Aufn.), Nr. E: *Quercus robur-Caricetum brizoidis* (Rajiu et al. 1977, 1 Aufn.); Nr. 1-2: *Pruno-Fraxinetum*, Nr. 3-7: *Pseudostellario-Carpinetum*. Abkürzungen: Schicht: B1 (Baumschicht 1), B2 (Baumschicht 2), S (Strauchschicht), K (Krautschicht), M (Moosschicht); Bodentyp: AGI (Augley), PG (Pseudogley); Korndurchmesser: IU (lehmiger Schluff), uL (schluffiger Lehm).

**Table 4.** Forest and shrub communities: Nr. A: *Corno-Ligustretum rubetosum caesii* (Ilijanić et al. 1998, Tab. 2, 2 Aufn.), Nr. B: *Salicetum cinereae* (Ularu & Parascan 1970, 6 Aufn.), Nr. C: *Genisto elatae-Quercetum roboris* (Ilijanić et al. 1998, Tab. 2, 6 Aufn.), Nr. D: *Carpino betuli-Quercetum roboris* (Ilijanić et al. 1998, Tab. 2, 4 Aufn.), Nr. E: *Quercus robur-Caricetum brizoidis* (Rajiu et al. 1977, 1 Aufn.); Nr. 1-2: *Pruno-Fraxinetum*, Nr. 3-7: *Pseudostellario-Carpinetum*. Abbreviations: layer: B1 (tree layer 1), B2 (tree layer 2), S (shrub layer), K (herb layer), M (moss layer); soil type: AGI (Eutric Gleysol), PG (Stagnosol); grain diameter class: IU (loamy silt), uL (silty loam).

| Nr.  |               | A                  | B                  | C                  | D                  | E    | 1    | 2    | 3    | 4    | 5    | 6    | 7    |
|--|---------------|--------------------|--------------------|--------------------|--------------------|------|------|------|------|------|------|------|------|
| Turboveg-Nr.                                 |               |                    |                    |                    |                    | 12   | 10   | 11   | 8    | 7    | 3    | 21   | 20   |
| Staat/Country code                           |               | HR                 | RO                 | HR                 | HR                 | RO   | SLO  | SLO  | SLO  | SLO  | SLO  | H    | H    |
| Aufnahmefläche/Relevé area (m <sup>2</sup> ) |               |                    | 100                |                    |                    |      | 100  | 200  | 400  | 100  | 100  | 100  | 100  |
| Höhe ü. NN/Altitude a.s.l. (m)               |               |                    | 490-510            |                    |                    |      | 166  | 165  | 166  | 166  | 218  | 175  | 176  |
| Gesamtdeckung/Cover total (%)                |               |                    |                    |                    |                    | 75   | 80   | 100  | 70   | 85   | 70   | 85   | 85   |
| Deckung B/Cover tree layer (%)               |               |                    |                    |                    |                    | 65   | 30   | 30   | 50   | 20   | 55   | 85   | 85   |
| Deckung S/Cover shrub layer (%)              |               |                    |                    |                    |                    |      | 5    | 10   | 30   | 35   | 20   | 2    | 10   |
| Deckung K/Cover herb layer (%)               |               |                    |                    |                    |                    | 10   | 60   | 100  | 50   | 50   | 40   | 40   | 60   |
| Deckung M/Cover moss layer (%)               |               |                    |                    |                    |                    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Höchste B/Height (highest) trees (m)         |               |                    |                    |                    |                    |      | 20   | 25   | 25   | 20   | 24   | 28   | 24   |
| Höchste S/Height (highest) shrubs (m)        |               |                    |                    |                    |                    |      | 5    | 6    | 7    | 5    | 5    | 6    | 6    |
| Mittl. Höhe K/Average height herbs (cm)      |               |                    |                    |                    |                    |      | 7    | 100  | 50   | 50   | 40   | 80   | 60   |
| Bodentyp/Soil type                           |               |                    |                    |                    |                    |      | AGI  |      | AGI  | AGI  | PG   | PG   | PG   |
| Korndurchmesser/grain diameter class         |               |                    |                    |                    |                    |      | IU   |      | IU   |      | uL   | uL   |      |
| Ellenberg-ZW für F/Moisture (weighted)       |               |                    |                    |                    |                    |      | 7,27 | 7,21 | 6,2  | 6,45 | 6,53 | 6,54 | 6,05 |
| Artenzahl/species number                     |               | 30                 | 30                 | 66                 | 67                 | 13   | 36   | 28   | 49   | 53   | 43   | 25   | 38   |
| Aufnahmejahr/year of investigation           |               | 1986               | 1964-66            | 1996               | 1994               | 1977 | 2003 | 2003 | 2003 | 2003 | 2003 | 2003 | 2003 |
|  | Schicht/Layer |                    |                    |                    |                    |      |      |      |      |      |      |      |      |
| <b><i>Fritillaria meleagris</i></b>          | K             | 100 <sup>+</sup>   | 100 <sup>+</sup>   | 100 <sup>+3</sup>  | 100 <sup>+2</sup>  | +    | r    | 1    | 2m   | 2m   | 1    | r    | 1    |
| <b>Holzarten und Verjüngung</b>              |               |                    |                    |                    |                    |      |      |      |      |      |      |      |      |
| <i>Prunus spinosa</i>                        | S, K          | 100 <sup>2</sup>   | .                  | 17 <sup>+</sup>    | .                  | +    | r    | .    | r    | 1    | .    | .    | .    |
| <i>Crataegus monogyna</i>                    | S, K          | 100 <sup>+2</sup>  | .                  | 50 <sup>+</sup>    | 25 <sup>+</sup>    | +    | .    | .    | r    | .    | r    | .    | +    |
| <i>Salix purpurea</i>                        | S             | 50 <sup>+</sup>    | 50 <sup>+1</sup>   | .                  | .                  | .    | .    | .    | .    | .    | .    | .    | .    |
| <i>Populus tremula</i>                       | B2, K         | .                  | 83 <sup>+2</sup>   | .                  | .                  | +    | .    | .    | .    | .    | .    | .    | .    |
| <i>Salix cinerea</i>                         | S             | .                  | 100 <sup>2-3</sup> | .                  | .                  | .    | .    | .    | .    | .    | .    | .    | .    |
| <i>Frangula alnus</i>                        | S             | .                  | 100 <sup>+1</sup>  | 33 <sup>+1</sup>   | .                  | .    | .    | .    | .    | 1    | .    | .    | .    |
| <i>Acer tataricum</i>                        | S?            | .                  | .                  | 100 <sup>1-3</sup> | 25 <sup>3</sup>    | .    | .    | .    | .    | .    | .    | .    | .    |
| <i>Corylus avellana</i>                      | S             | .                  | .                  | 100 <sup>+1</sup>  | 75 <sup>+4</sup>   | .    | .    | .    | .    | .    | 1    | .    | .    |
| <i>Fraxinus angustifolia</i>                 | B2            | 100 <sup>+1</sup>  | .                  | 100 <sup>+3</sup>  | 25 <sup>1</sup>    | .    | .    | .    | .    | .    | .    | .    | .    |
| <i>Ligustrum vulgare</i>                     | S             | 50 <sup>1</sup>    | .                  | 83 <sup>+1</sup>   | 100 <sup>+1</sup>  | .    | .    | .    | .    | .    | .    | .    | .    |
| <i>Rosa canina</i> agg                       | S             | 50 <sup>+</sup>    | .                  | .                  | 25 <sup>+</sup>    | .    | .    | .    | .    | 1    | .    | .    | .    |
| <i>Polygonatum multiflorum</i>               | K             | .                  | .                  | 67 <sup>+1</sup>   | 50 <sup>+1</sup>   | .    | .    | .    | .    | .    | .    | .    | .    |
| <i>Rosa arvensis</i>                         | K             | .                  | .                  | 50 <sup>+</sup>    | 25 <sup>+</sup>    | .    | .    | .    | .    | .    | .    | .    | .    |
| <i>Galeobdolon luteum</i>                    | K             | .                  | .                  | 17 <sup>+</sup>    | 50 <sup>+</sup>    | .    | .    | .    | .    | .    | .    | .    | .    |
| <i>Mercurialis perennis</i>                  | K             | .                  | .                  | 17 <sup>+</sup>    | 50 <sup>+</sup>    | .    | .    | .    | .    | .    | .    | .    | .    |
| <i>Convallaria majalis</i>                   | K             | .                  | .                  | 17 <sup>2</sup>    | 25 <sup>+</sup>    | .    | .    | .    | .    | .    | .    | .    | .    |
| <i>Crataegus laevigata</i>                   | S             | .                  | .                  | 50 <sup>+2</sup>   | 100 <sup>+1</sup>  | .    | .    | .    | .    | .    | .    | 1    | .    |
| <i>Prunus padus</i>                          | B2            | .                  | .                  | .                  | .                  | .    | .    | 1    | .    | .    | .    | .    | .    |
| <i>Prunus padus</i>                          | S, K          | .                  | .                  | .                  | .                  | .    | 1    | 2a   | .    | .    | 1    | .    | .    |
| <i>Fraxinus excelsior</i>                    | B1+B2         | .                  | .                  | .                  | .                  | .    | 2a   | 1    | .    | 2a   | .    | .    | .    |
| <i>Fraxinus excelsior</i>                    | S, K          | .                  | .                  | .                  | .                  | .    | r    | .    | 1    | 1    | 1    | .    | .    |
| <i>Alnus glutinosa</i>                       | B1+B2         | .                  | .                  | .                  | .                  | .    | 2b   | 3    | 2a   | 1    | 2a   | .    | .    |
| <i>Alnus glutinosa</i>                       | K             | .                  | .                  | .                  | .                  | .    | 1    | r    | .    | .    | .    | .    | .    |
| <i>Quercus robur</i>                         | B1            | .                  | .                  | 83 <sup>1-3</sup>  | 100 <sup>+3</sup>  | 4    | .    | 1    | 3    | 2a   | 3    | 3    | 2b   |
| <i>Quercus robur</i>                         | K             | .                  | .                  | .                  | .                  | .    | .    | .    | 1    | 2a   | r    | .    | .    |
| <i>Carpinus betulus</i>                      | B2            | .                  | .                  | 33 <sup>1-2</sup>  | 100 <sup>2-5</sup> | .    | .    | .    | 2a   | 2a   | 2b   | 2b   | 2b   |
| <i>Carpinus betulus</i>                      | S, K          | .                  | .                  | .                  | .                  | .    | .    | .    | 3    | 2a   | 2a   | .    | r    |
| <i>Acer campestre</i>                        | B2            | .                  | .                  | 100 <sup>+2</sup>  | 100 <sup>1-2</sup> | .    | .    | .    | 1    | .    | 3    | 2b   | 2b   |
| <i>Acer campestre</i>                        | S, K          | .                  | .                  | .                  | .                  | .    | .    | .    | 1    | +    | 1    | 1    | 1    |
| <i>Ulmus minor</i>                           | B2            | 50 <sup>+</sup>    | .                  | 100 <sup>+1</sup>  | 100 <sup>+3</sup>  | .    | .    | .    | .    | .    | .    | r    | 1    |
| <i>Ulmus minor</i>                           | S, K          | .                  | .                  | .                  | .                  | .    | .    | .    | .    | .    | 1    | +    | 1    |
| <i>Viburnum opulus</i>                       | S, K          | 50 <sup>+</sup>    | 50 <sup>+</sup>    | 33 <sup>+</sup>    | 100 <sup>+1</sup>  | .    | 1    | .    | .    | +    | 1    | .    | .    |
| <i>Euonymus europaeus</i>                    | S, K          | 100 <sup>+1</sup>  | .                  | 67 <sup>+</sup>    | 25 <sup>+</sup>    | .    | r    | r    | 1    | 1    | 1    | r    | 1    |
| <i>Hedera helix</i>                          | B2, S, K      | 50 <sup>+</sup>    | .                  | .                  | 25 <sup>+</sup>    | .    | 1    | .    | 1    | .    | .    | 1    | 1    |
| <i>Fraxinus pennsylvanica</i>                | B1            | .                  | .                  | .                  | .                  | .    | .    | .    | .    | .    | .    | r    | 2a   |
| <i>Cornus sanguinea</i>                      | S, K          | 100 <sup>3</sup>   | .                  | 67 <sup>+1</sup>   | 25 <sup>1</sup>    | .    | .    | .    | +    | r    | .    | r    | .    |
| <i>Sambucus nigra</i>                        | S, K          | .                  | .                  | 17 <sup>1</sup>    | 50 <sup>+1</sup>   | .    | .    | 1    | .    | .    | r    | r    | 1    |
| <i>Prunus avium</i>                          | B2            | .                  | .                  | .                  | 25 <sup>+</sup>    | +    | .    | .    | 1    | .    | .    | .    | .    |
| <i>Prunus avium</i>                          | S, K          | .                  | .                  | .                  | .                  | .    | .    | .    | r    | .    | .    | .    | r    |
| <i>Lonicera xylosteum</i>                    | K             | .                  | .                  | 33 <sup>1-3</sup>  | .                  | .    | .    | .    | .    | .    | .    | .    | .    |
| <b>Diagnostische Arten</b>                   |               |                    |                    |                    |                    |      |      |      |      |      |      |      |      |
| <i>Caltha palustris</i>                      | K             | 50 <sup>+</sup>    | 50 <sup>+</sup>    | 17 <sup>+</sup>    | .                  | .    | 2b   | 1    | .    | .    | .    | .    | .    |
| <i>Urtica dioica</i>                         | K             | 100 <sup>+</sup>   | .                  | 17 <sup>1</sup>    | 25 <sup>+</sup>    | .    | 1    | 3    | .    | .    | .    | .    | .    |
| <i>Leucocjum vernum</i>                      | K             | .                  | .                  | .                  | 50 <sup>+1</sup>   | .    | 1    | 3    | .    | r    | r    | .    | .    |
| <i>Scirpus sylvaticus</i>                    | K             | .                  | .                  | .                  | .                  | .    | r    | 1    | .    | .    | .    | .    | .    |
| <i>Cirsium oleraceum</i>                     | K             | .                  | 83 <sup>+2</sup>   | .                  | .                  | .    | .    | 1    | .    | .    | .    | .    | .    |
| <i>Brachypodium sylvaticum</i>               | K             | .                  | .                  | 83 <sup>+1</sup>   | 25 <sup>+</sup>    | .    | .    | .    | .    | .    | 1    | .    | .    |
| <i>Pulmonaria officinalis</i>                | K             | .                  | .                  | 67 <sup>+2</sup>   | 25 <sup>+</sup>    | .    | .    | .    | .    | 1    | .    | .    | .    |
| <i>Circaea lutetiana</i>                     | K             | .                  | .                  | 50 <sup>+</sup>    | 25 <sup>+</sup>    | .    | .    | .    | .    | .    | 1    | .    | .    |
| <i>Listera ovata</i>                         | K             | .                  | .                  | 50 <sup>+</sup>    | 25 <sup>1</sup>    | .    | .    | .    | .    | .    | .    | .    | .    |
| <i>Asarum europaeum</i> s lat                | K             | .                  | .                  | 17 <sup>1</sup>    | .                  | .    | 1    | .    | 1    | 2a   | 1    | 1    | 1    |
| <i>Stellaria holostea</i>                    | K             | .                  | .                  | 33 <sup>2</sup>    | .                  | .    | .    | r    | .    | 2a   | 2a   | .    | 2a   |
| <i>Geum urbanum</i>                          | K             | .                  | .                  | 83 <sup>+</sup>    | 50 <sup>+1</sup>   | .    | r    | .    | r    | r    | .    | .    | 1    |
| <i>Anemone nemorosa</i>                      | K             | .                  | .                  | .                  | 75 <sup>1-3</sup>  | .    | .    | .    | 1    | 1    | 2a   | .    | .    |
| <i>Viola reichenbachiana</i>                 | K             | .                  | .                  | 50 <sup>+1</sup>   | 75 <sup>+2</sup>   | .    | .    | .    | r    | r    | 1    | .    | 1    |
| <i>Carex sylvatica</i>                       | K             | .                  | .                  | 33 <sup>+</sup>    | 75 <sup>+</sup>    | .    | .    | .    | 1    | r    | .    | .    | r    |
| <b>Quercus-Fagetea, Fagetalia</b>            |               |                    |                    |                    |                    |      |      |      |      |      |      |      |      |
| <i>Ranunculus ficaria</i>                    | K             | 100 <sup>+2</sup>  | .                  | .                  | 75 <sup>4-5</sup>  | .    | .    | 1    | 1    | 2a   | .    | .    | .    |
| <i>Galanthus nivalis</i>                     | K             | 50 <sup>1</sup>    | .                  | 33 <sup>1</sup>    | .                  | .    | .    | .    | .    | .    | 1    | r    | .    |
| <i>Arum maculatum</i>                        | K             | .                  | .                  | 83 <sup>+</sup>    | 50 <sup>+</sup>    | .    | .    | .    | .    | .    | .    | .    | .    |
| <i>Symphytum tuberosum</i> agg               | K             | .                  | .                  | .                  | 50 <sup>2-3</sup>  | .    | .    | .    | .    | .    | 1    | 1    | .    |
| <i>Knautia drymeia</i>                       | K             | .                  | .                  | .                  | .                  | .    | r    | .    | r    | 1    | .    | .    | .    |
| <i>Lamium montanum</i>                       | K             | .                  | .                  | .                  | .                  | .    | .    | 1    | 1    | .    | .    | 2a   | 3    |
| <b>Alnion</b>                                |               |                    |                    |                    |                    |      |      |      |      |      |      |      |      |
| <i>Carex brizoides</i>                       | K             | .                  | .                  | 17 <sup>1</sup>    | 75 <sup>+1</sup>   | 1    | 2m   | 3    | 2a   | 2a   | .    | .    | 2m   |
| <b>Carpinion</b>                             |               |                    |                    |                    |                    |      |      |      |      |      |      |      |      |
| <i>Ranunculus auricomus</i> s lat            | K             | .                  | .                  | 17 <sup>+</sup>    | 100 <sup>+3</sup>  | .    | 2a   | .    | 2m   | 2m   | .    | .    | r    |
| <b>Molinietalia</b>                          |               |                    |                    |                    |                    |      |      |      |      |      |      |      |      |
| <i>Selinum carvifolia</i>                    | K             | .                  | .                  | .                  | .                  | .    | 1    | .    | r    | r    | .    | .    | .    |
| <b>Filipendulion</b>                         |               |                    |                    |                    |                    |      |      |      |      |      |      |      |      |
| <i>Filipendula ulmaria</i>                   | K             | 50 <sup>3</sup>    | 100 <sup>+1</sup>  | .                  | 75 <sup>+1</sup>   | .    | 2b   | .    | .    | 1    | .    | .    | .    |
| <i>Veratrum album</i>                        | K             | .                  | 67 <sup>+1</sup>   | .                  | .                  | .    | .    | 2a   | r    | .    | .    | .    | .    |
| <b>Sonstige Arten</b>                        |               |                    |                    |                    |                    |      |      |      |      |      |      |      |      |
| <i>Galium aparine</i>                        | K             | .                  | 67 <sup>+</sup>    | 33 <sup>+1</sup>   | 75 <sup>+1</sup>   | .    | 1    | 2a   | 2m   | 2m   | 2a   | 2b   | 2m   |
| <i>Rubus caesius</i>                         | K             | 100 <sup>1-3</sup> | 67 <sup>+1</sup>   | 67 <sup>+1</sup>   | 100 <sup>+3</sup>  | +    | r    | 1    | 1    | 1    | r    | .    | r    |
| <i>Glechoma hederacea</i>                    | K             | .                  | .                  | .                  | 50 <sup>+</sup>    | .    | 1    | .    | 1    | 1    | .    | 1    | .    |
| <i>Lamium maculatum</i>                      | K             | .                  | .                  | .                  | .                  | .    | .    | 1    | .    | .    | .    | r    | 1    |
| <i>Aegopodium podagraria</i>                 | K             | .                  | .                  | 33 <sup>1</sup>    | 75 <sup>1-2</sup>  | .    | .    | 1    | r    | .    | 2a   | 1    | 1    |
| <i>Ajuga reptans</i>                         | K             | .                  | .                  | 50 <sup>+1</sup>   | 75 <sup>+</sup>    | .    | .    | .    | 1    | r    | r    | .    | 1    |
| <i>Deschampsia cespitosa</i>                 | K             | .                  | 83 <sup>+2</sup>   | .                  | .                  | +    | .    | .    | r    | r    | r    | .    | .    |
| <i>Dactylis glomerata</i>                    | K             | .                  | .                  | 17 <sup>+</sup>    | .                  | .    | .    | .    | r    | .    | .    | .    | r    |
| <i>Isopyrum thalictroides</i>                | K             | .                  | .                  | .                  | 50 <sup>+3</sup>   | .    | .    | .    | .    | .    | .    | 1    | 1    |
| <i>Helleborus dumetorum</i>                  | K             | .                  | .                  | .                  | .                  | .    | .    | .    | .    | .    | .    | r    | 1    |
| <i>Athyrium filix-femina</i>                 | K             | .                  | .                  | .                  | 25 <sup>+</sup>    | .    | .    | 2m   | .    | .    | r    | .    | .    |
| <i>Rosa</i> sp.                              | K             | 50 <sup>1</sup>    | .                  | .                  | 25 <sup>+</sup>    | .    | .    | .    | r    | .    | .    | .    | .    |

#### Arten mit weniger als 3 Vorkommen:

*Acer platanoides* [S] 3: r; *Adoxa moschatellina* [K] C: 50<sup>+1</sup>; *Agrimonia eupatorium* [K] D: 25<sup>+</sup>; *Agrostis alba*