



## Rectification: When and where to apply for permits in Belgium when studying insects (Bulletin S.R.B.E./K.B.V.E., 154: 273–280)

Arno THOMAS<sup>1</sup>, Olivier BECK<sup>2</sup>, Sandrine LIEGEOIS<sup>3</sup>, Tim STRUYVE<sup>4</sup>, Gert VAN HOYDONCK<sup>5</sup> & Wouter DEKONINCK<sup>6</sup>

<sup>1</sup> Research Institute for Nature and Forest (INBO), Havenlaan 88 bus 73, B-1000 Brussels, Belgium (e-mail: arno.thomaes@inbo.be).

<sup>2</sup> Brussels Environment (BE), Havenlaan 86c, B-1000 Brussels, Belgium (e-mail: obeck@leefmilieu.brussels).

<sup>3</sup> Direction générale agriculture ressources naturelles environnement, Département de la Nature et des Forêts-Direction de la Nature, Avenue Prince de Liège 15, B-5100 Jambes, Belgium (e-mail: sandrine.liegeois@spw.wallonie.be).

<sup>4</sup> Natuurpunt, Coxiestraat 11, B-2800 Mechelen, Belgium (e-mail: tim.struyve@natuurpunt.be).

<sup>5</sup> Agentschap Natuur en Bos (ANB), Havenlaan 88 bus 75, B-1000 Brussels, Belgium (e-mail: gert.vanhoydonck@vlaanderen.be).

<sup>6</sup> Royal Belgian Institute for Natural Sciences, Vautierstraat 29, B-1000 Brussels, Belgium (e-mail: wdekoninck@naturalsciences.be).

This paper includes a table which lists all the protected species in the three regions of Belgium. However, part of the table was missing in the original version. Here you find the complete table (Table 1).

Table 1. Complete list of protected species in the three regions of Belgium (Fl: Flanders and Wal: Wallonia) as a rectification of the table in *Bulletin S.R.B.E./K.B.V.E.*, 154: 273–280.

| Species                               | Fl | Brussels |        | Wal |
|---------------------------------------|----|----------|--------|-----|
|                                       |    | II.2*    | II.3** |     |
| <b>Coleoptera</b>                     |    |          |        |     |
| <i>Abax carinatus</i>                 | X  |          |        |     |
| <i>Agonum ericeti</i>                 | X  |          |        |     |
| <i>Agonum gracilipes</i>              | X  |          |        |     |
| <i>Amara brunnea</i>                  | X  |          |        |     |
| <i>Anisodactylus nemorivagus</i>      | X  |          |        |     |
| <i>Anisodactylus poeciloides</i>      | X  |          |        |     |
| <i>Anisodactylus signatus</i>         | X  |          |        |     |
| <i>Anisosticta novemdecimpunctata</i> |    |          |        | X   |
| <i>Aromia moschata</i>                |    |          |        | X   |
| <i>Bembidion ephippium</i>            | X  |          |        |     |
| <i>Bembidion litorale</i>             | X  |          |        |     |
| <i>Bembidion monticola</i>            | X  |          |        |     |
| <i>Blethisa multipunctata</i>         | X  |          |        |     |
| <i>Brachinus crepitans</i>            | X  |          |        |     |

|                                    |   |   |  |   |
|------------------------------------|---|---|--|---|
| <i>Bradycellus csikii</i>          | X |   |  |   |
| <i>Calathus ambiguous</i>          | X |   |  |   |
| <i>Calosoma inquisitor</i>         |   |   |  | X |
| <i>Calosoma spp</i>                | X |   |  |   |
| <i>Calosoma sycophanta</i>         | X |   |  |   |
| <i>Carabus cancellatus</i>         | X |   |  | X |
| <i>Carabus s.l. spp</i>            | X |   |  |   |
| <i>Cerambyx cerdo</i>              |   |   |  | X |
| <i>Cetonia aurata</i>              | X |   |  | X |
| <i>Chilocorus bipustulatus</i>     |   |   |  | X |
| <i>Cicindela germanica</i>         | X |   |  |   |
| <i>Cicindela spp</i>               | X |   |  |   |
| <i>Cicindela sylvatica</i>         | X |   |  |   |
| <i>Coccinelidae</i>                | X |   |  |   |
| <i>Coccinella hieroglyphica</i>    |   |   |  | X |
| <i>Cucujus cinnaberinus</i>        |   |   |  | X |
| <i>Donacia en Plateumaris spp</i>  | X |   |  |   |
| <i>Dytiscus circumflexus</i>       |   |   |  | X |
| <i>Dytiscus dimidiatus</i>         |   |   |  | X |
| <i>Dytiscus en Cybister spp</i>    | X |   |  |   |
| <i>Dytiscus lapponicus</i>         |   |   |  | X |
| <i>Dytiscus latissimus</i>         |   |   |  | X |
| <i>Dytiscus marginalis</i>         |   |   |  | X |
| <i>Dytiscus semisulcatus</i>       |   |   |  | X |
| <i>Exochomus nigromaculatus</i>    |   |   |  | X |
| <i>Gnorimus nobilis</i>            |   |   |  | X |
| <i>Graphoderus bilineatus</i>      |   |   |  | X |
| <i>Harpalus flavescens</i>         | X |   |  |   |
| <i>Harpalus honestus</i>           | X |   |  |   |
| <i>Harpalus neglectus</i>          | X |   |  |   |
| <i>Harpalus quadripunctatus</i>    | X |   |  |   |
| <i>Harpalus rupicola</i>           | X |   |  |   |
| <i>Hippodamia septemmaculata</i>   |   |   |  | X |
| <i>Hippodamia tredecimpunctata</i> |   |   |  | X |
| <i>Hydrophilus piceus</i>          | X |   |  | X |
| <i>Lamia textor</i>                |   |   |  | X |
| <i>Lebia cruxminor</i>             | X |   |  |   |
| <i>Leistus piceus</i>              | X |   |  |   |
| <i>Lucanus cervus</i>              | X | X |  | X |

|                                   |   |  |   |   |
|-----------------------------------|---|--|---|---|
| <i>Meloe autumnalis</i>           |   |  |   | X |
| <i>Meloe brevicollis</i>          |   |  |   | X |
| <i>Meloe proscarabaeus</i>        |   |  |   | X |
| <i>Meloe rugosus</i>              |   |  |   | X |
| <i>Meloe variegatus</i>           |   |  |   | X |
| <i>Meloe violaceus</i>            |   |  |   | X |
| <i>Melolontha melolontha</i>      |   |  | X |   |
| <i>Odontaeus armiger</i>          | X |  |   |   |
| <i>Osmoderma eremita</i>          | X |  |   | X |
| <i>Oxythyrea funesta</i>          | X |  |   |   |
| <i>Perileptus areolatus</i>       | X |  |   |   |
| <i>Pogonus littoralis</i>         | X |  |   |   |
| <i>Pogonus luridipennis</i>       | X |  |   |   |
| <i>Polyphylla fullo</i>           | X |  |   |   |
| <i>Prionus coriarius</i>          | X |  |   | X |
| <i>Protaetia cuprea/metallica</i> | X |  |   | X |
| <i>Pterostichus kugelanni</i>     | X |  |   |   |
| <i>Pterostichus longicollis</i>   | X |  |   |   |
| <i>Typhoeus typhoeus</i>          | X |  |   | X |
| <i>Zabrus tenebrioides</i>        | X |  |   |   |
|                                   |   |  |   |   |
| <b>Hemiptera</b>                  |   |  |   |   |
| <i>Cicadetta montana</i>          |   |  |   | X |
|                                   |   |  |   |   |
| <b>Hymenoptera</b>                |   |  |   |   |
| <i>Ammobates punctatus</i>        |   |  |   | X |
| <i>Ammophila campestris</i>       |   |  |   | X |
| <i>Ammophila pubescens</i>        |   |  |   | X |
| <i>Andrena agilissima</i>         |   |  |   | X |
| <i>Andrena curvungula</i>         |   |  |   | X |
| <i>Andrena fuscipes</i>           |   |  |   | X |
| <i>Andrena labialis</i>           |   |  |   | X |
| <i>Andrena marginata</i>          |   |  |   | X |
| <i>Anthidium punctatum</i>        |   |  |   | X |
| <i>Anthophora aestivalis</i>      |   |  |   | X |
| <i>Anthophora bimaculata</i>      |   |  |   | X |
| <i>Anthophora plagiata</i>        |   |  |   | X |
| <i>Anthophora retusa</i>          |   |  |   | X |
| <i>Astata boops</i>               |   |  |   | X |
| <i>Bembix rostrata</i>            |   |  |   | X |

|                                 |   |  |  |   |
|---------------------------------|---|--|--|---|
| <i>Bombus distinguendus</i>     |   |  |  | X |
| <i>Bombus humilis</i>           |   |  |  | X |
| <i>Bombus jonellus</i>          |   |  |  | X |
| <i>Bombus muscorum</i>          |   |  |  | X |
| <i>Bombus sylvarum</i>          |   |  |  | X |
| <i>Bombus veteranus</i>         |   |  |  | X |
| <i>Coelioxys afrus</i>          |   |  |  | X |
| <i>Coelioxys alatus</i>         |   |  |  | X |
| <i>Coelioxys aurolimbatus</i>   |   |  |  | X |
| <i>Coelioxys conoideus</i>      |   |  |  | X |
| <i>Coelioxys echinatus</i>      |   |  |  | X |
| <i>Coelioxys elongatus</i>      |   |  |  | X |
| <i>Coelioxys emarginatus</i>    |   |  |  | X |
| <i>Coelioxys inermis</i>        |   |  |  | X |
| <i>Coelioxys mandibularis</i>   |   |  |  | X |
| <i>Coelioxys obtusus</i>        |   |  |  | X |
| <i>Coelioxys quadridentatus</i> |   |  |  | X |
| <i>Coelioxys rufescens</i>      |   |  |  | X |
| <i>Colletes cunicularius</i>    |   |  |  | X |
| <i>Dasypoda hirtipes</i>        |   |  |  | X |
| <i>Dinetus pictus</i>           |   |  |  | X |
| <i>Dolichurus bicolor</i>       |   |  |  | X |
| <i>Ectemnius fossorius</i>      |   |  |  | X |
| <i>Epeoloides coecutiens</i>    |   |  |  | X |
| <i>Epeolus cruciger</i>         |   |  |  | X |
| <i>Epeolus variegatus</i>       |   |  |  | X |
| <i>Eucera longicornis</i>       |   |  |  | X |
| <i>Eucera nigrescens</i>        |   |  |  | X |
| <i>Formica rufa</i>             | X |  |  | X |
| <i>Formica polycтена</i>        |   |  |  | X |
| <i>Harpactus exiguus</i>        |   |  |  | X |
| <i>Harpactus lunatus</i>        |   |  |  | X |
| <i>Lestica alata</i>            |   |  |  | X |
| <i>Lestica subterranea</i>      |   |  |  | X |
| <i>Macropis fulvipes</i>        |   |  |  | X |
| <i>Macropis europaea</i>        |   |  |  | X |
| <i>Melecta luctuosa</i>         |   |  |  | X |
| <i>Nomada obscura</i>           |   |  |  | X |
| <i>Nysson niger</i>             |   |  |  | X |

|                                             |   |  |   |   |
|---------------------------------------------|---|--|---|---|
| <i>Osmia bicolor</i>                        |   |  |   | X |
| <i>Panurgus calcaratus</i>                  |   |  |   | X |
| <i>Panurgus banksianus</i>                  |   |  |   | X |
| <i>Panurgus dentipes</i>                    |   |  |   | X |
| <i>Podalonia affinis</i>                    |   |  |   | X |
| <i>Podalonia hirsuta</i>                    |   |  |   | X |
| <i>Rophites quinquespinosus</i>             |   |  |   | X |
| <i>Trachusa byssina</i>                     |   |  |   | X |
| <i>Thyreus orbatus</i>                      |   |  |   | X |
|                                             |   |  |   |   |
| <b>Lepidoptera</b>                          |   |  |   |   |
| <i>Aglais urticae</i>                       |   |  | X |   |
| <i>Anthocharis cardamines</i>               |   |  | X |   |
| <i>Apatura iris</i>                         | X |  | X |   |
| <i>Aphantopus hyperantus</i>                |   |  | X |   |
| <i>Araschnia levana</i>                     |   |  | X |   |
| <i>Argynnis niobe</i>                       |   |  |   | X |
| <i>Argynnis paphia</i>                      | X |  |   |   |
| <i>Boloria aquilonaris</i>                  |   |  |   | X |
| <i>Boloria dia</i>                          |   |  |   | X |
| <i>Boloria eunomia</i>                      |   |  |   | X |
| <i>Boloria euphrosyne</i>                   |   |  |   | X |
| <i>Callimorpha/Euplagia quadripunctaria</i> | X |  |   | X |
| <i>Callophrys rubi</i>                      | X |  |   |   |
| <i>Celastrina argiolus</i>                  |   |  | X |   |
| <i>Chazara briseis</i>                      |   |  |   | X |
| <i>Coenonympha glycerion</i>                |   |  |   | X |
| <i>Coenonympha hero</i>                     |   |  |   | X |
| <i>Coenonympha pamphilus</i>                |   |  | X |   |
| <i>Coenonympha tullia</i>                   |   |  |   | X |
| <i>Colias alfacariensis</i>                 |   |  |   | X |
| <i>Colias croceus</i>                       |   |  | X |   |
| <i>Colias hyale</i>                         |   |  | X |   |
| <i>Colias palaeno</i>                       |   |  |   | X |
| <i>Conocephalus discolor</i>                |   |  | X |   |
| <i>Conocephalus dorsalis</i>                |   |  | X |   |
| <i>Erebia aethiops</i>                      |   |  |   | X |
| <i>Erebia ligea</i>                         |   |  |   | X |
| <i>Erebia medusa</i>                        |   |  |   | X |
| <i>Eriogaster catax</i>                     | X |  |   | X |

|                                  |   |  |   |   |
|----------------------------------|---|--|---|---|
| <i>Erynnis tages</i>             | X |  |   |   |
| <i>Euphydryas aurinia</i>        |   |  |   | X |
| <i>Euphydryas maturna</i>        |   |  |   | X |
| <i>Glaucopsyche alexis</i>       |   |  |   | X |
| <i>Gonepteryx rhamni</i>         |   |  | X |   |
| <i>Hesperia comma</i>            | X |  |   | X |
| <i>Hipparchia semele</i>         | X |  |   | X |
| <i>Inachis io</i>                |   |  | X |   |
| <i>Iphiclides podalirius</i>     |   |  |   | X |
| <i>Issoria lathonia</i>          | X |  |   | X |
| <i>Lasiommata megera</i>         | X |  |   |   |
| <i>Leptidea sinapis</i>          | X |  |   |   |
| <i>Limenitis populi</i>          |   |  |   | X |
| <i>Lopinga achine</i>            |   |  |   | X |
| <i>Lycaena dispar</i>            |   |  |   | X |
| <i>Lycaena helle</i>             |   |  |   | X |
| <i>Lycaena phlaeas</i>           |   |  | X |   |
| <i>Lycaena tityrus</i>           | X |  |   |   |
| <i>Lycaena virgaureae</i>        |   |  |   | X |
| <i>Maculinea teleius</i>         | X |  |   |   |
| <i>Maculinea/Phengaris alcon</i> | X |  |   | X |
| <i>Maniola jurtina</i>           |   |  | X |   |
| <i>Melitaea athalia</i>          |   |  |   | X |
| <i>Melitaea aurelia</i>          |   |  |   | X |
| <i>Melitaea cinxia</i>           | X |  |   | X |
| <i>Melitaea phoebe</i>           |   |  |   | X |
| <i>Neozephyrus quercus</i>       |   |  | X |   |
| <i>Nymphalis antiopa</i>         | X |  | X | X |
| <i>Nymphalis polychloros</i>     | X |  | X |   |
| <i>Papilio machaon</i>           |   |  | X |   |
| <i>Pararge aegeria</i>           |   |  | X |   |
| <i>Phengaris arion</i>           |   |  |   | X |
| <i>Pieris brassicae</i>          |   |  | X |   |
| <i>Pieris napi</i>               |   |  | X |   |
| <i>Pieris rapae</i>              |   |  | X |   |
| <i>Plebejus argus</i>            | X |  |   |   |
| <i>Plebejus argyrognomon</i>     |   |  |   | X |
| <i>Plebejus idas</i>             |   |  |   | X |
| <i>Polyommatus bellargus</i>     |   |  |   | X |

|                               |   |   |   |   |
|-------------------------------|---|---|---|---|
| <i>Polyommatus dorylas</i>    |   |   |   | X |
| <i>Polyommatus icarus</i>     |   |   | X |   |
| <i>Polyommatus semiargus</i>  | X |   |   |   |
| <i>Polyommatus thersites</i>  |   |   |   | X |
| <i>Proserpinus proserpina</i> | X | X |   | X |
| <i>Pseudophilotes baton</i>   |   |   |   | X |
| <i>Pyrgus armoricanus</i>     |   |   |   | X |
| <i>Pyrgus malvae</i>          | X |   |   |   |
| <i>Pyrgus serratulae</i>      |   |   |   | X |
| <i>Pyronia tithonus</i>       |   |   | X |   |
| <i>Satyrrium acaciae</i>      |   |   |   | X |
| <i>Satyrrium ilicis</i>       | X |   |   |   |
| <i>Satyrrium spini</i>        |   |   |   |   |
| <i>Satyrrium w-album</i>      | X |   | X | X |
| <i>Thecla betulae</i>         |   |   | X |   |
| <i>Thymelicus lineola</i>     | X |   | X |   |
| <i>Thymelicus sylvestris</i>  | X |   | X |   |
| <i>Vanessa atalanta</i>       |   |   | X |   |
| <i>Vanessa cardui</i>         |   |   | X |   |
|                               |   |   |   |   |
| <b>Mantodea</b>               |   |   |   |   |
| <i>Mantis religiosa</i>       |   |   |   | X |
|                               |   |   |   |   |
| <b>Odonata</b>                |   |   |   |   |
| alle soorten                  | X |   |   |   |
| <i>Aeshna cyanea</i>          |   |   | X |   |
| <i>Aeshna grandis</i>         |   |   | X |   |
| <i>Aeshna isoceles</i>        |   |   |   | X |
| <i>Aeshna juncea</i>          |   |   |   | X |
| <i>Aeshna mixta</i>           |   |   | X |   |
| <i>Aeshna subarctica</i>      |   |   |   | X |
| <i>Anax imperator</i>         |   |   | X |   |
| <i>Brachytron pratense</i>    |   |   |   | X |
| <i>Calopteryx splendens</i>   |   |   | X |   |
| <i>Ceriagrion tenellum</i>    |   |   | X | X |
| <i>Coenagrion hastulatum</i>  |   |   |   | X |
| <i>Coenagrion lunulatum</i>   |   |   |   | X |
| <i>Coenagrion mercuriale</i>  |   |   |   | X |
| <i>Coenagrion puella</i>      |   |   | X |   |

|                                   |   |   |   |   |
|-----------------------------------|---|---|---|---|
| <i>Coenagrion pulchellum</i>      |   |   |   | X |
| <i>Cordulegaster bidentata</i>    |   |   |   | X |
| <i>Cordulia aenea</i>             |   |   | X |   |
| <i>Enallagma cyathigerum</i>      |   |   | X |   |
| <i>Epitheca bimaculata</i>        |   |   |   | X |
| <i>Erythromma najas</i>           |   |   | X |   |
| <i>Erythromma viridulum</i>       |   |   | X |   |
| <i>Gomphus flavipes</i>           | X |   |   |   |
| <i>Gomphus pulchellus</i>         |   |   | X |   |
| <i>Gomphus vulgatissimus</i>      |   |   |   | X |
| <i>Ischnura elegans</i>           |   |   | X |   |
| <i>Ischnura pumilio</i>           |   |   | X |   |
| <i>Lestes dryas</i>               |   |   |   | X |
| <i>Lestes sponsa</i>              |   |   | X |   |
| <i>Lestes virens</i>              |   |   |   | X |
| <i>Lestes viridis</i>             |   |   | X |   |
| <i>Leucorrhinia caudalis</i>      |   |   |   | X |
| <i>Leucorrhinia dubia</i>         |   |   |   | X |
| <i>Leucorrhinia pectoralis</i>    | X | X |   | X |
| <i>Leucorrhinia rubicunda</i>     |   |   |   | X |
| <i>Libellula depressa</i>         |   |   | X |   |
| <i>Libellula fulva</i>            |   |   |   | X |
| <i>Libellula quadrimaculata</i>   |   |   | X |   |
| <i>Ophiogomphus cecilia</i>       | X |   |   |   |
| <i>Orthetrum cancellatum</i>      |   |   | X |   |
| <i>Orthetrum coerulescens</i>     |   |   |   | X |
| <i>Oxygastra curtisii</i>         |   |   |   | X |
| <i>Platycnemis pennipes</i>       |   |   | X |   |
| <i>Pyrrhosoma nymphula</i>        |   |   | X |   |
| <i>Somatochlora arctica</i>       |   |   |   | X |
| <i>Somatochlora flavomaculata</i> |   |   |   | X |
| <i>Sympecma fusca</i>             |   |   |   | X |
| <i>Sympetrum danae</i>            |   |   | X |   |
| <i>Sympetrum pedemontanum</i>     |   |   | X | X |
| <i>Sympetrum sanguineum</i>       |   |   | X |   |
| <i>Sympetrum striolatum</i>       |   |   | X |   |
| <i>Sympetrum vulgatum</i>         |   |   | X |   |
| <b>Orthoptera</b>                 |   |   |   |   |
| <i>Barbitistes serricauda</i>     |   |   | X |   |

|                                  |   |  |   |   |
|----------------------------------|---|--|---|---|
| <i>Chorthippus brunneus</i>      |   |  | X |   |
| <i>Chorthippus parallelus</i>    |   |  | X |   |
| <i>Gomphocerripus rufus</i>      | X |  |   |   |
| <i>Gryllotalpa gryllotalpa</i>   |   |  | X |   |
| <i>Leptophyes punctatissima</i>  |   |  | X |   |
| <i>Meconema meridionale</i>      |   |  | X |   |
| <i>Meconema thalassinum</i>      |   |  | X |   |
| <i>Oedipoda caerulescens</i>     | X |  | X | X |
| <i>Pholidoptera griseoaptera</i> |   |  | X |   |
| <i>Stenobothrus lineatus</i>     | X |  |   |   |
| <i>Tetrix subulata</i>           |   |  | X |   |
| <i>Tettigonia viridissima</i>    | X |  | X |   |

\* This list includes all species mentioned on annex IV of the Habitats directive and annex II of the Bern conference but here only the species known to occur in Brussels have been listed.

\*\* This list includes 99 insect species while here only the species known to occur in Brussels have been listed.