

# **Report on the Rubus-Konzil 2022 (Berg en Dal, the Netherlands, 14-16 July)**

Rienk-Jan Bijlsma, Louis Reutelingsperger & Bram van de Beek

## **Hotel and meeting point**

Fletcher Parkhotel Val Monte, Oude Holleweg 5, 6572 AA Berg en Dal, The Netherlands, DD 51.82479, 5.91622

## **Participants**



back row (left to right): Bram van de Beek, Werner Jansen, Hendrik Devriese, Harald Geier, Michael Schön, Erik van den Ham, Karst Meijer, David Mercier, Michael Hassler, Piotr Kosiński

front row (left to right): Rense Haveman, Louis Reutelingsperger, Iris de Ronde, Michael Schessl, Rienk-Jan Bijlsma

photo: Rense Haveman (day 1, excursion point 1)

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Sadly, Vojtech Žíla, who planned to participate together with Bob Trávníček all the way from the Czech Republic, passed away two weeks before the event. We really missed his and Bob's input and inspiring presence.

## General remarks

- Day 1 (July 14th) started at 10.00 h from the parking lot of the hotel and ended there at about 17.00 h; day 2 (July 15th) started at 9.00 h from the parking lot and ended there at about 17.00 h ; day 3 (July 16th) started at 9.00 h from the parking lot and ended at 13.00 h at the last excursion point (overlooking the Rhine floodplain)
- Excursion points are given in decimal degrees (DD)
- Again, the Rubus Konzil-concept has proven to be very powerful in bringing European knowledge and experience together and in sharpening and harmonizing opinions on species. Some results and spin-off:
  - Uncertainty about the Dutch concept of neumannianus was reinforced by Hendrik Devriese who knows this species very well from the Ardennes. The Dutch taxon (visited on day 1) will therefore be described as a new species, as already anticipated by Bram van de Beek. Note that this taxon occurs in Westphalia as well, demonstrated near Anholt during the Rubus Konzil 1996 (see Weber 1998, Weitere Nachträge zur Brombeerflora Westfalens, Natur und Heimat 58(2): 43-53).
  - Troublesome bushes belonging to the grabowskii-montanus group near Arcen (day 2) were recognized by David Mercier and Hendrik Devriese as typical velutinus, new to the Netherlands.
  - An isolated population of supposed conspicuus on atypical (dry acidic) soil (day 2) was confirmed by David Mercier and Hendrik Devriese.
  - The only known locality of guestphalicoides in the Netherlands (visited day 2) was confirmed by Werner Jansen and raised discussion among the Dutch with regard to its relationship with thalassartcos, described by Bram van de Beek in 1997 from the Wadden Sea isles Texel and

Vlieland. After comparing specimens from a wider range, the proposed conspecificity was confirmed by Bram later that week, with *gusthalicoides* as the older name. Rienk-Jan Bijlsma and Louis Reutelingsperger will prepare a paper on this issue.

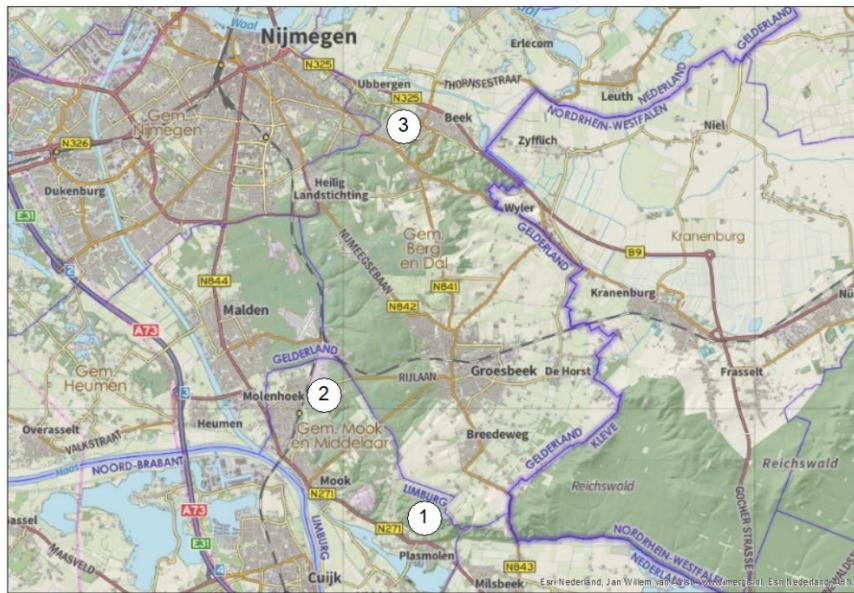
- The species named *longior* for a long time in the middle and eastern Netherlands appears quite different from *costifolius* Foerster (=*longior* A.BEEK), a local species around Burgsteinfurt (Lower Saxony). Dutch '*longior*' will be described by Rienk-Jan Bijlsma and Bram van de Beek as *longicrus* in due time. A large population of this taxon was visited on day 2. Dutch '*longior*' occurs in adjacent Germany as well, as recorded during the Rubus Konzil 1996 (Weber 1998, see above).
- Two unknown taxa with provisional names *steprathensis* (after Haus Steprath) and *walbeckensis* (after the Walbeck village) and with a substantial range in the area visited at day 2 (north Limburg and adjacent Germany), appeared unknown to the other participants as well.
- The recently described *paraplicatus* (Gorteria 44, 34-39, 2022) was found typical near Wageningen and explained in the field by its author Karst Meijer (day 3). Hendrik Devriese confirmed that this taxon is quite different from Belgian *plicatus*. The distribution of *paraplicatus* is insufficiently known and probably includes a large range considered as mere *plicatus* up till now. A well-illustrated key comprising *plicatus*, *paraplicatus* and *arrheniiformis* is badly needed. The latter species was found on day 2 while visiting *braeuckeriformis* in the Walbeck area (Germany), but ought to be confirmed next season when in flower. Note that *arrheniiformis* was added to the German bramble flora by Weber (2008, Aktuelle Übersicht über die Brombeerflora in Westfalen, Abh.Westf.Mus.Naturk. 70 (3/4): 289 - 304), based on three localities in Westphalia.

## Proposed Rubus-meetings 2023

- Hendrik Devriese, Yorick Ferrez and Jean-Marie Royer will organize a Rubus meeting during the first (mid)week of July 2023 in the border region of NE-France and Wallonia. The area of interest will include Louette-Saint-Pierre, known for its rich Rubus-flora described by Gravet.
- Michael Schön will organize a Rubus Konzil in Thüringen in July 2023, shortly after the midweek in NE-France.

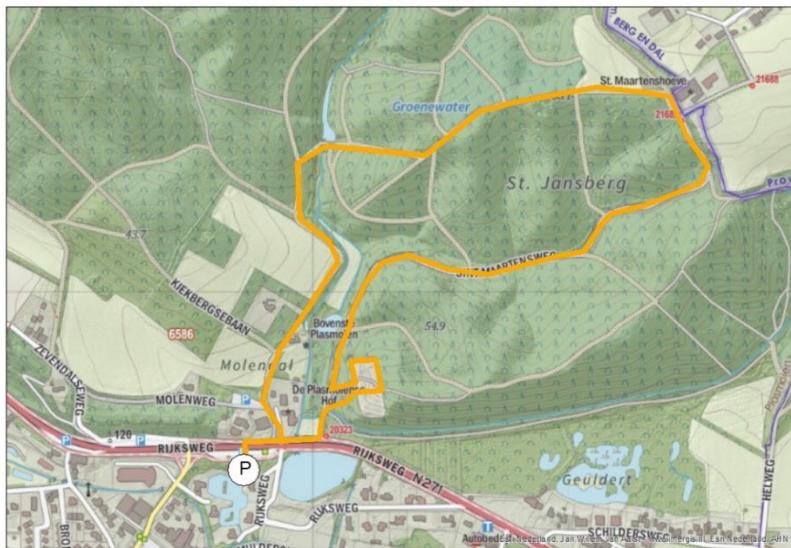
## Day 1: Push-moraine (Stauchwällen) area S of Nijmegen

Day 1: overview excursion points



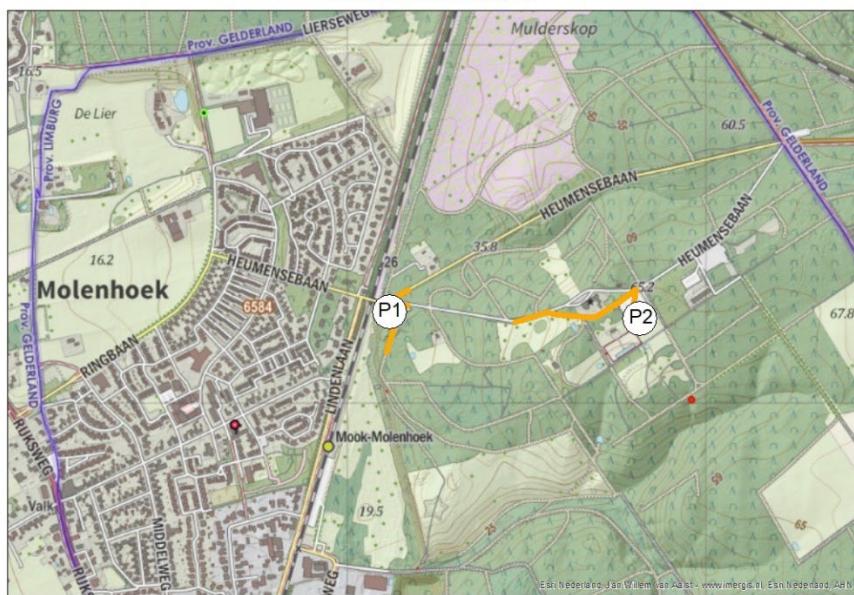
**Day 1 excursion point 1:** Plasmolen, Sint Jansberg (Natura 2000-site), parking lot S-side Rijksweg, DD 51.73810, 5.92053. Target species: *dasyphyllus*, *ignoratus*, *iuvensis*, *montanus*, '*neumannianus*' (see General remarks), *phyllostachys*, *rubrumcadaver*, *senticosus*, *winteri*.

Excursion point 1 (day 1)



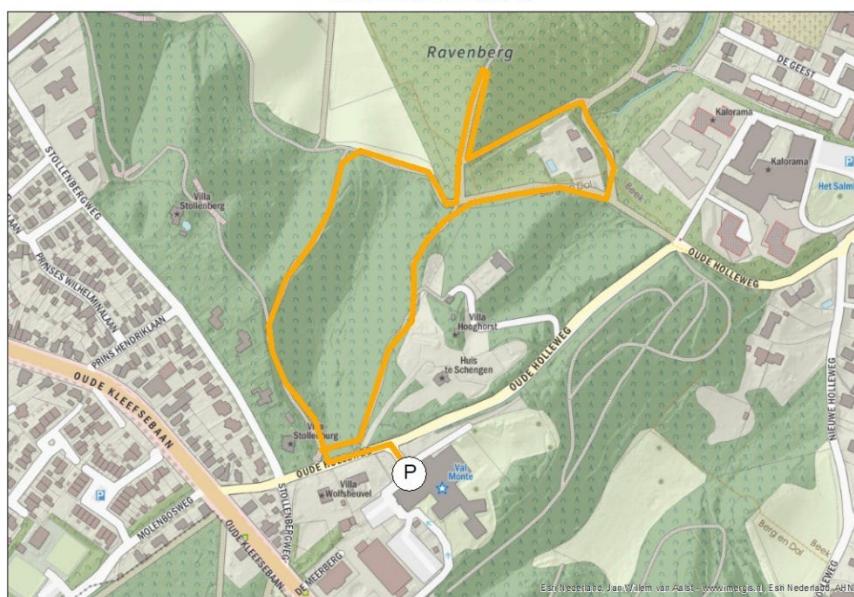
**Day 1 excursion point 2:** Mookerheide estate E of Molenhoek: 1) parking lot Heumense Baan (P1), DD 51.7700, 5.8821; 2) parking lot Jachtslot Mookerheide (P2), DD 51.7700, 5.8914. Target species: *adspersus*, *divaricatus*, *frederici*, *integribasis*, *poliothyrsus*, *procerus*, *rubrumcadaver*, *taxandriae*.

Excursion point 2 (day 1)



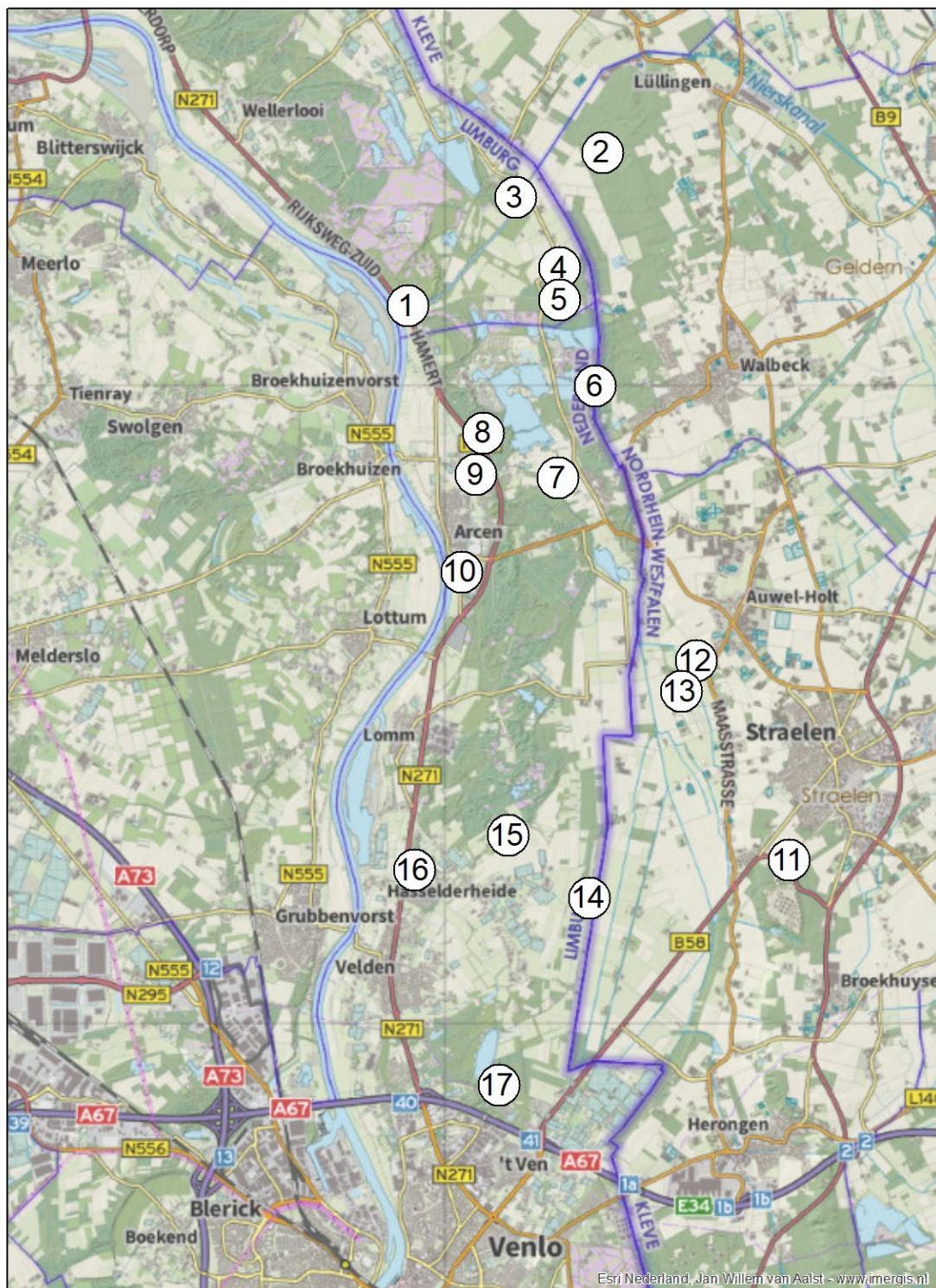
**Day 1 excursion point 3:** Heerlijkheid Beek (Ravenberg), a walk starting from the parking lot of the Val Monte hotel, Berg en Dal, DD 51.82479, 5.91622. Target species: adulans, hypomalacus, 'neumannianus' (see General remarks), rubrumcadaver, rufescens.

Excursion point 3 (day 1)



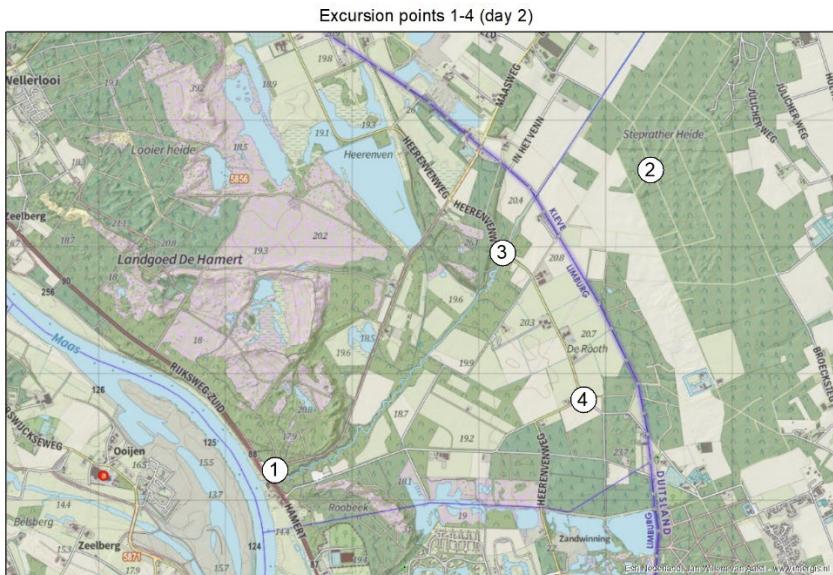
## Day 2: Meuse terrace area near Arcen (including adjacent Germany)

### Day 2: overview excursion points



Note: for the added excursion points 7a, 7b and 18, see below; points 5, 10, 12, 13, 16 and 17 were skipped after all.

**Day 2 excursion point 1:** Parking lot (P1) De Hamert, Geldernsch-Niers canal, DD 51.5078, 6.1697. Target species: ambigens, campaniensis, guestphalicus, winteri.



**Day 2 excursion point 2 (for map see point 1):** Twisteden (Germany), Stepratherheide, DD 51.5287, 6.2138. Target species: hoplotheca, steprathensis nom.prov.

**Day 2 excursion point 3 (for map see point 1):** Wellerlooij, intersection Heerenvenweg / Geldernsch-Niers canal, DD 51.5228, 6.1967. Target species: ambigens, lasiandrus, schleicheri, walbeckensis nom.prov.

**Day 2 excursion point 4 (for map see point 1):** Wellerlooij, Heerenvenweg, DD 51.5125, 6.2053. Target species: longicrus ined., platyacanthus.

**Day 2 excursion point 5:** skipped.

**Day 2 excursion point 6 (for map see point 9):** Walbeck, intersection Rode Dijk / Grensweg / Bergsteg (Germany), DD. 51.4965, 6.2132. Target species: arrheniiformis, braeuckeriformis.

**Day 2 excursion point 7 (for map see point 9):** Arcen, Zandhoekse Weien and Zandhoek, DD 51.4808, 6.2079. Target species: velutinus. **Added excursion point 7a:** DD 51.48229, 6.20253. Target species: griesiae, lianos. **Added excursion point 7b:** DD 51.48147, 6.20152. Target species: foliosus<sup>1</sup>.

**Day 2 excursion point 8 (for map see point 9):** Arcen, Boerenheide (Boerenweg / N271), DD 51.48933, 6.18792. Target species: conspicuus, lindleianus, winteri.

**Day 2 excursion point 9:** Arcen, Wilde Kampweg, DD 51.4831, 6.1867. Target species: griesiae, opacus, polyanthemus.

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<sup>1</sup> Werner Jansen collected a Corylifolli here as cf. orthostachyoides H.E.Weber, not known from the Netherlands.

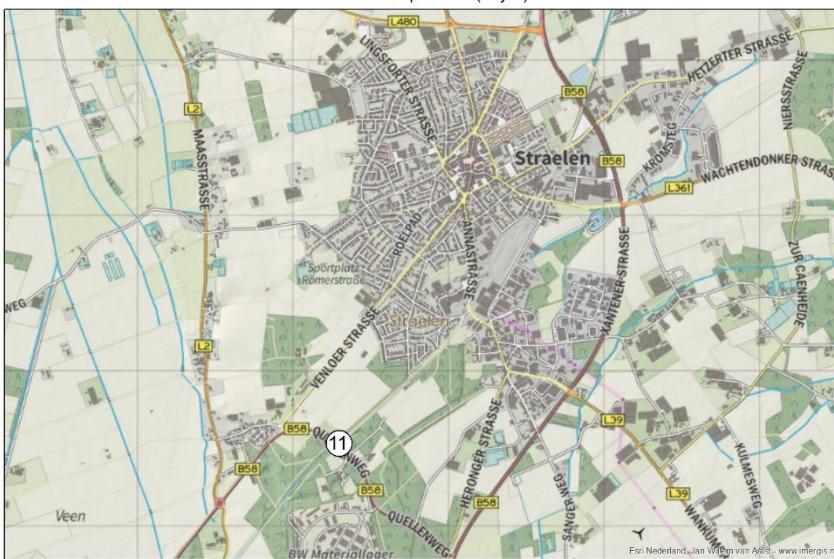
Excursion points 6-9 (day 2)



**Day 2 excursion point 10:** skipped. NOTE: for lianos see added point 7a.

**Day 2 excursion point 11:** Straelen, An den Siebenquelle/old railroad (Germany), DD 51.42871, 6.25354. Target species: *edeesii*, *guestphalicus*.

Excursion point 11 (day 2)

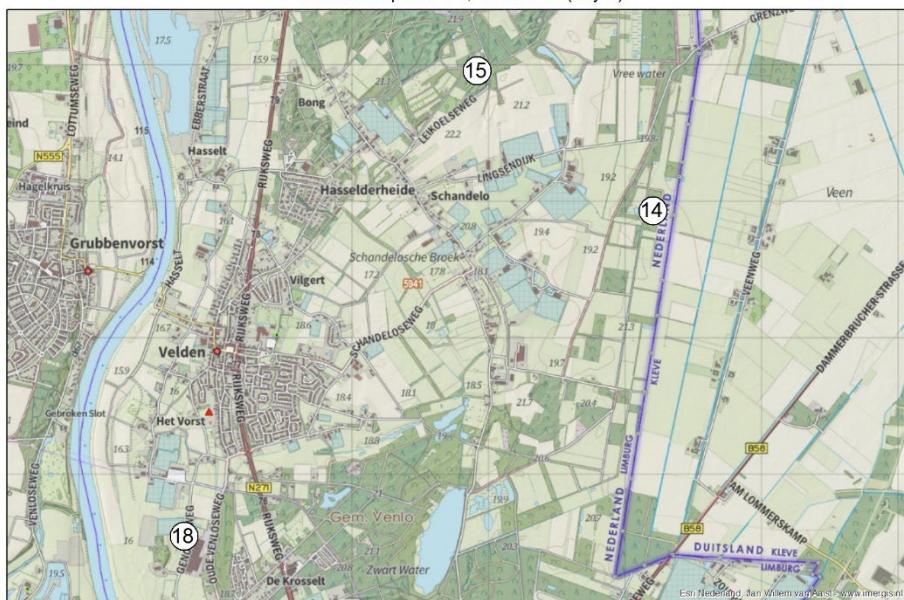


**Day 2 excursion point 12:** skipped. NOTE: for *lasiocladus*, see added point 18.

**Day 2 excursion point 13:** skipped.

**Day 2 excursion point 14:** Velden, Meerkolen, DD 51.42363, 6.20883. Target species: *guestphalicoides*, *guestphalicus*.

Excursion points 14, 15 and 18 (day 2)



**Day 2 excursion point 15 (for map see point 14):** Bong-Velden, Schandelose heide (Bunnerveldweg), DD 51.43312, 6.19169. Target species: muridens.

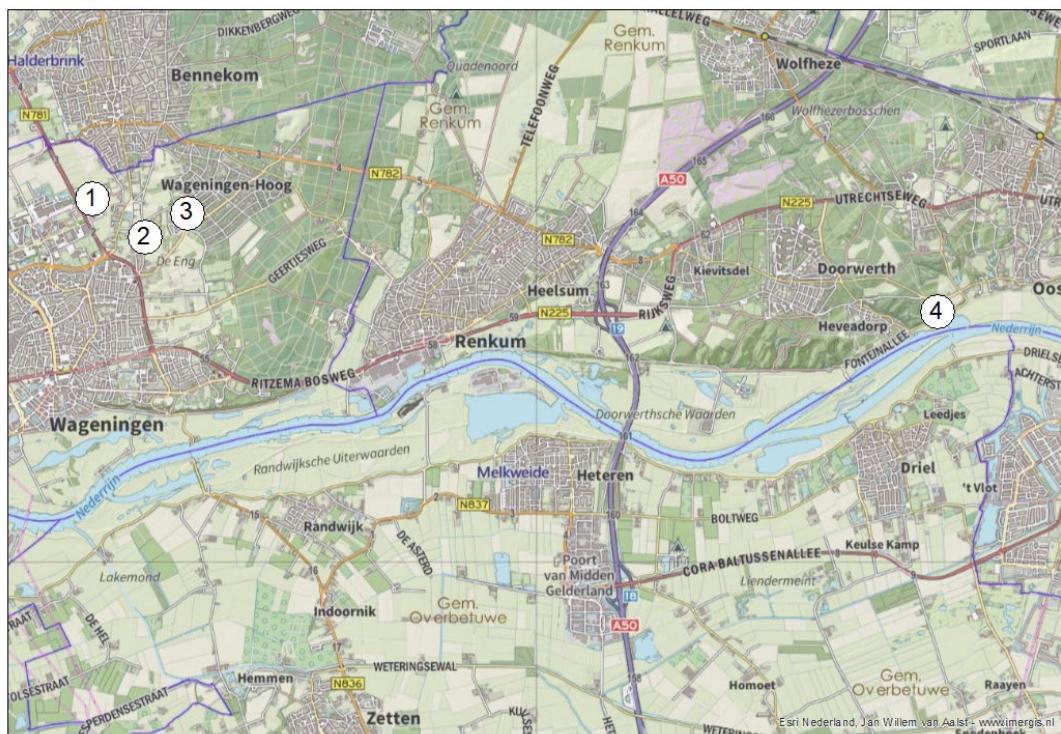
**Day 2 excursion point 16:** skipped.

**Day 2 excursion point 17:** skipped.

**Day 2 added excursion point 18 (for map see point 14):** Velden, Laarberg, DD 51.40264, 6.15988. Target species: lasiocladus.

## Day 3: Southern Veluwe-area Wageningen-Arnhem (adjacent to Rhine valley)

Day 3: overview excursion points



**Day 3 excursion point 1:** Wageningen University Campus, parking lot Lumen building, DD 51.98740, 5.66792 (a 30 minute ride from the hotel). Target species: adspersus, ammobius, bovinus, laevicaulis, lindleianus, megistothersos, nelliae, nemoralis, rubrumcadaver.

Excursion points 1-3 (day 3)



**Day 3 excursion point 2:** skipped.

**Day 3 excursion point 3 (for map see point 1):** Wageningen-Hoog, Zoomweg, DD 51.9869, 5.6891. Target species: confusidens, dejonghii, paraplicatus.

**Day 3 (final) excursion point 4:** Heveadorp-Oosterbeek, parking lot Westerbouwing, DD 51.9752, 5.8223. Target species: canduliger, chloocladus, diversus, hoplotheca, trichanthus.

Excursion point 4 (day 3)



## Species list

<b>Rubus</b>	<b>Day1</b>	<b>Day2</b>	<b>Day3</b>
adspersus P.J.Müll. ex Wirtg.	1	1	1
adulans A.Beek	1		
ambigens (Boulay) Boulay =leucandrus subsp. belgicus H.E.Weber = hermes Matzk.		1	
ammobius Focke			1
bovinus A.Beek & H.E.Weber			1
braeuckeriformis H.E.Weber		1	
campaniensis Winkel ex A.Beek		1	
canduliger Bijlsma & Haveman			1
chloocladus W.C.R.Watson			1
confusidens H.E.Weber			1
conspicuus P.J.Müll.		1	
dasyphyllus (W.M.Rogers) Marshall	1		
dejonghii A.Beek			1
divaricatus P.J.Müll.	1		
diversus W.C.R.Watson			1
edeesii H.E.Weber & A.L.Bull		1	
foliosus Weihe		1	
frederici A.Beek	1		
griesiae H.E.Weber		1	
guestphalicoides H.E.Weber		1	
guestphalicus (Focke) Utsch	1	1	
hoplotheca A.Beek & D.P.Mercier =raduloides (Rogers) J.W.White		1	1
hypomalacus Focke	1		
ignoratus H.E.Weber	1		
integribasis P.J.Müll.		1	
juvenis A.Beek	1		
laevicaulis A.Beek			1
lasiandrus H.E.Weber		1	
lasiocladus (Focke) Foerster		1	
lianos A.Beek, Berkhout, Haveman & De Ronde		1	
lindleianus Lees		1	1
longicrus Bijlsma & A.Beek ined. (see General remarks)		1	
megistothrysos A.Beek =calothrysus A.Beek			1
montanus Lib. ex Lej.	1		
muridens A.Beek		1	
nelliae A.Beek			1
nemoralis P.J.Müll.			1
neumannianus non H.E.Weber ex Vannerom (see General remarks)	1		
opacus Focke ex Bertram		1	
paraplicatus Meijer			1
phyllostachys P.J.Müll.	1		
platyacanthus P.J.Müll. & Lefèvre		1	
poliothrysus A.Beek	1		

<i>polyanthemus</i> Lindeb.		1	
<i>procerus</i> P.J.Müll.	1		
<i>rubrumcadaver</i> A.Beek	1	1	1
<i>rufescens</i> P.J.Müll. & Lefèvre	1		
<i>schleicheri</i> Weihe		1	
<i>senticosus</i> Köhler ex Weihe	1	1	
<i>steprathensis</i> Bijlsma & Reutelingsperger nom.prov.		1	
<i>taxandriae</i> Vannerom ex A.Beek	1		
<i>trichanthus</i> A.Beek			1
<i>walbeckensis</i> Bijlsma & Reutelingsperger nom.prov.		1	
<i>winteri</i> P.J.Müll. ex Focke	1	1	

Other more common species include *affinis* Weihe & Nees (= *vigorosus* P.J.Müll. & Wirtg.), *armeniacus* Focke, *geniculatus* Kalt., *gratus* Focke, *macrophyllus* Weihe & Nees, *nessensis* Hall, *plicatus* Weihe & Nees (but see General remarks, regarding *paraplicatus*), *rudis* Weihe, *umbrosus* (Weihe & Nees) Arrh. and *vestitus* Weihe. Note: most *Corylifolli* have been ignored in the preparation.