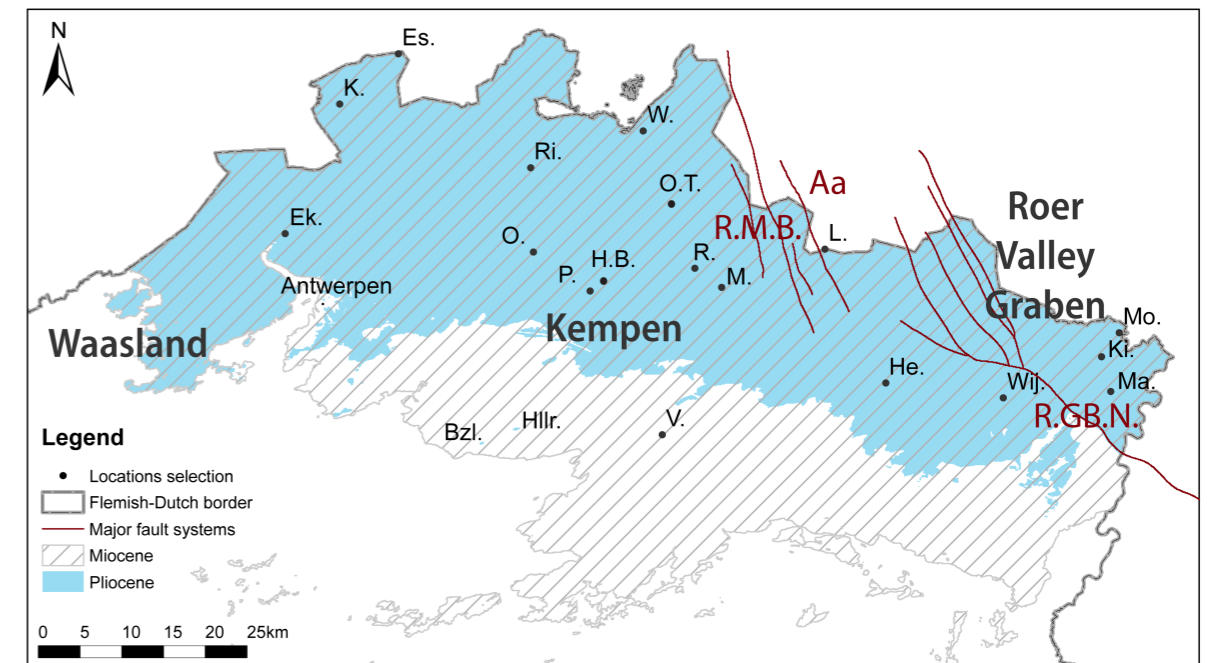




National Commission for Stratigraphy of Belgium
Subcommission for Paleogene and Neogene Stratigraphy

A revised Neogene stratigraphy of Belgium

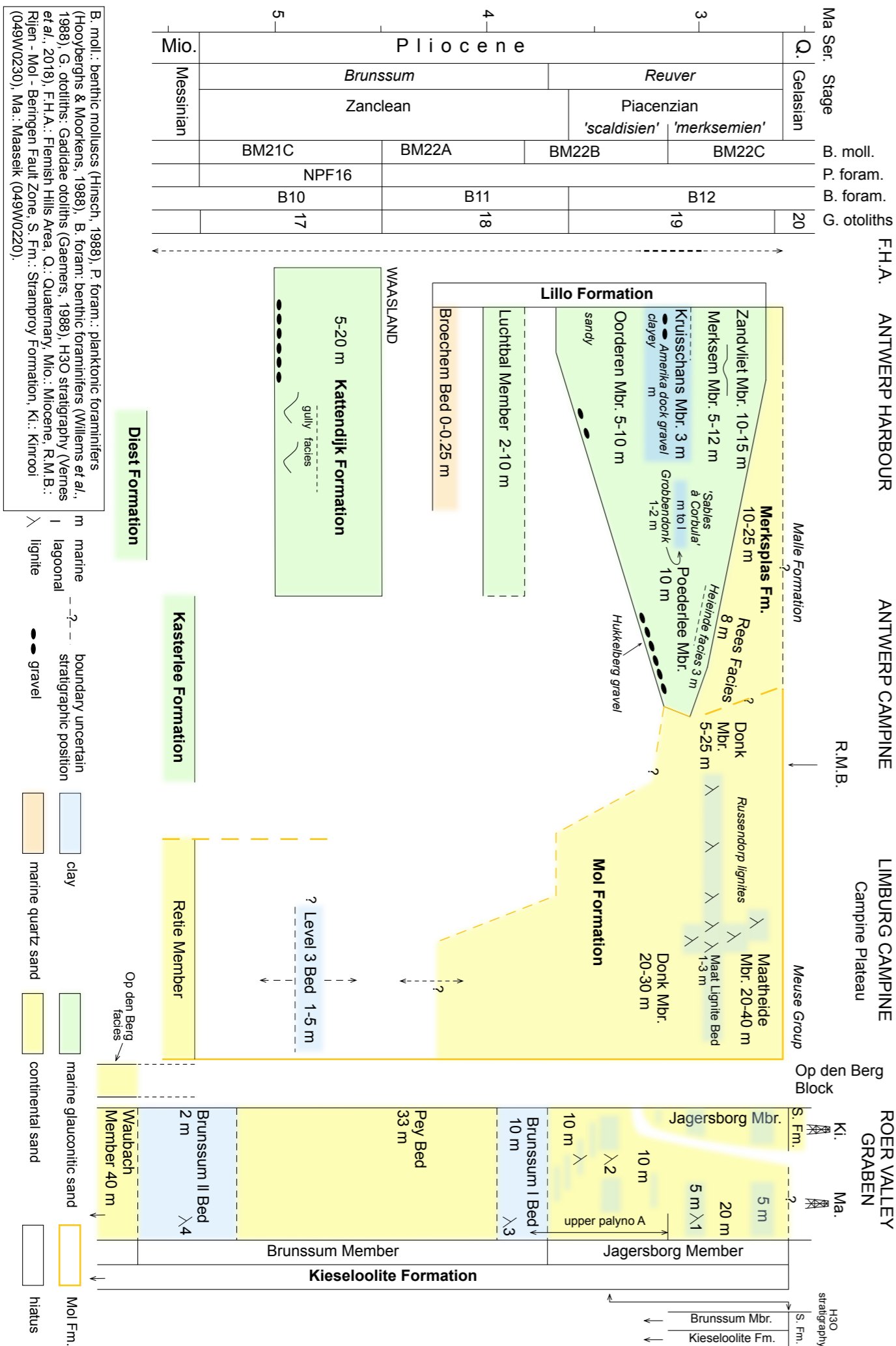


Stratigraphic chart of the Neogene of Belgium, edition 2022 (<https://ncs.naturalsciences.be/paleogene-neogene>)

Compiled by N.Vandenberghe & S.Louwye

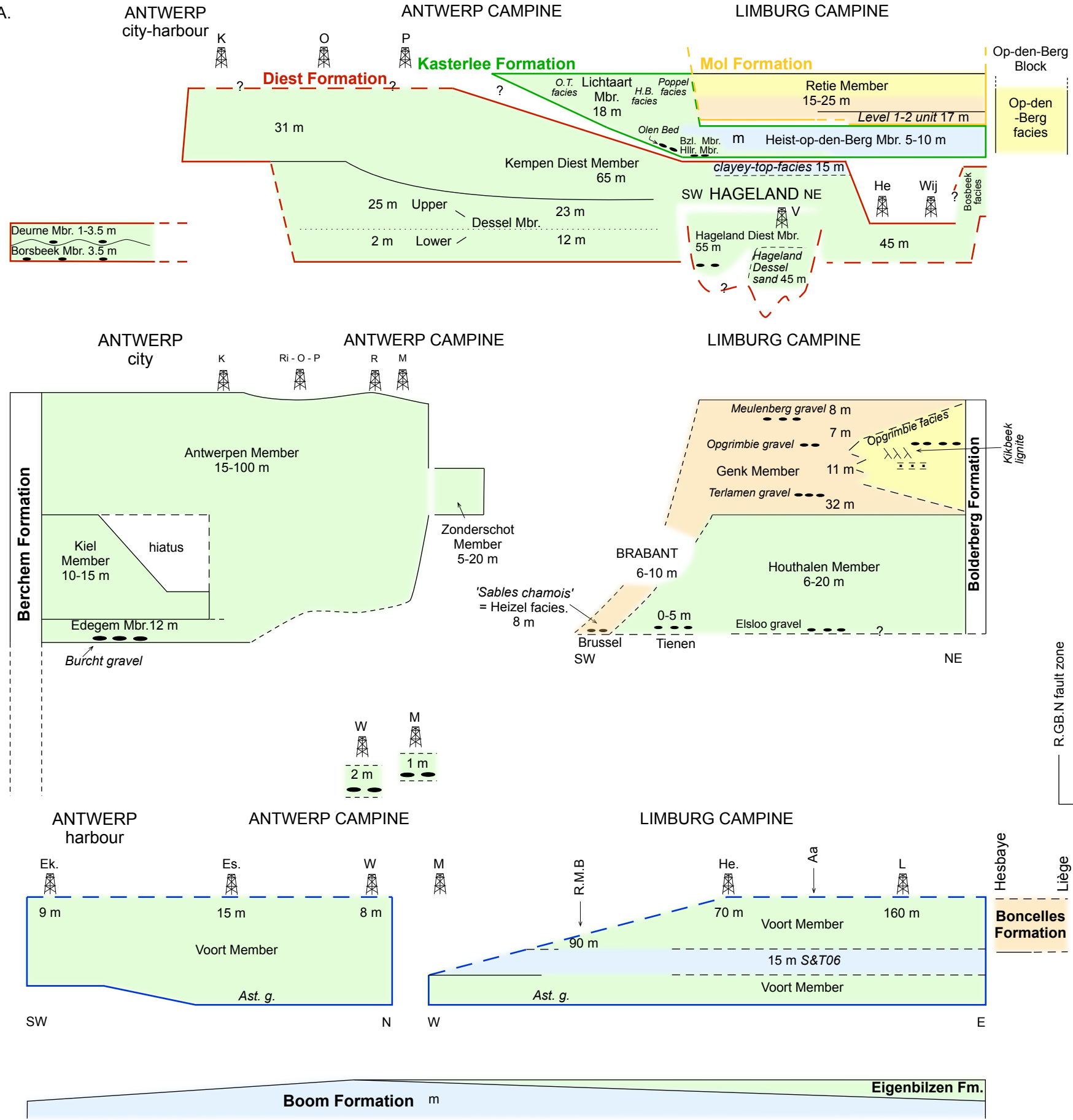
Based on the Lithostratigraphic Information Sheets edited by the National Commission Stratigraphy of Belgium.

Scientific background: Geologica Belgica 2020, Volume 23, 3-4, The Neogene stratigraphy of northern Belgium.



Ma	Series	Stage	Pol.	Chron	Bolb.	M.	dV. & N.	D. & P.				
5	Miocene	Messinian										
6									Tortonian	DN10	<i>S. armaged.</i>	
7		<i>B. intermedia</i>										
8		M14								DN9	<i>H. obscura</i>	
9		<i>B. metzmacheri</i>										
10		M12-13								DN8	<i>A. umbraculum</i>	
11		<i>B. caps.</i>										
12		<i>B. subfragoris</i>										
13		<i>B. comp.</i>										
14		Langhian								Serravallian	M10-11	<i>G. verrucula</i>
15											<i>A. andal.</i>	
16	M6-9		DN5	<i>U. aquaeductus</i>								
17	Burdigalian		M5	DN4	<i>L. truncatum</i>							
18			M4	DN3	<i>C. aubryae</i>							
19			M3	DN2	<i>E. insigne</i>							
20					<i>C. cantharellus</i>							
21	Aquitanian		M2	DN1	<i>S. hamulatum</i>							
22			<i>T. pelagica</i>									
23	Oligocene	Chattian										
24								M1	DN1	<i>C. amiculum</i>		
25								NSO8	C8	<i>Homotryblum spp.</i>		
26								NSO7		<i>C. galea</i>		
27								NSO6		<i>D. phosphoritica</i>		
28	Rupelian											
29								NSO5 _a	C9			
30								NSO4	C10			

F. H. A. FLEMISH HILLS FORMATION



Ma	Formation	Member	Thickness
5	Kieseloite Formation	Brunssum II Bed	
6		Waubach Member	40 m
7		Inden Fm.	27 m
8	Diest Formation	Wurfeld Fm.	5 m
9		Deurne - Dessel type microfossils	
10		Mo.	
11	Molenbeersel Fm.	unknown in Campine	>35 m
12		u. Antwerp	>23 m
13	Bolderberg Formation	Genk Member	125 m
14		Houthalen Member	30 m
15		?	
16	Veldhoven Formation	Somerem	94 m
17		Wintelre Member	66 m
18		Voort Member	135 m
19		S&T06	30 m
20		?	
21		?	
22		?	
23		?	
24		?	
25		?	
26		?	
27		?	
28		?	
29		?	
30		?	

Bzl.: Beerzel, Ek.: Ekeren (015W0142), Es.: Essen (001E0042), Hllr.: Hallaar, He.: Hechtel (047E0192), K.: Kalmthout (006E110), L.: Lommel-2 (032W0409), M.: Mol (031W0221), Ma.: Maaseik (049W0220), Mo.: Molenbeersel (049W0226), O.: Oostmalle (029E0249), P.: Poederlee (030W300), R.: Retie (031W0243), Ri.: Rijkvorsel (016E0153), V.: Veerle (060E0215), W.: Weelde (008E0159), Wij.: Wijshagen (048W0180).
A. andal.: *A. andalousiensis*, B. bad.: *B. badensis*, B. caps.: *B. capsula*, D. comp.: *B. compressispinosa*.
R.M.B.: Rijen - Mol - Beringen Fault Zone, R.GB.N.: Reppel - Grote Brogel - Neeroeteren Fault Zone, Aa: Aa Fault Zone, F.H.A.: Flemish Hills Area, O.T.: Oud Turnhout, H.B.: Hoge Berg.
Pol.: polarity, Bolbof.: Bolboforma biozonation (after King 2016), M.: Munsterman & Brinkhuis (2014) and Van Simaey et al. (2005) dinocyst biozonations, dV. & N.: de Verteuil & Norris dinocyst biozonation, D. & P.: Dybkjaer & Piasecki (2010) dinocyst biozonation. Boundaries of dinocyst biozonations after Dybkjaer & Piasecki (2010), Ast. g.: *Asterigerina guerichi guerichi* base, S&T06: Schneider & Thiele unit 06.

