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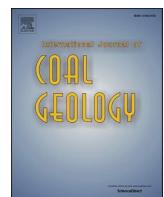
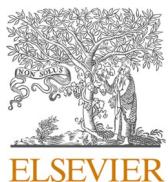
**Title:** Corrigendum to “Simulated maturation by hydrous pyrolysis of bituminous coals and carbonaceous shales from the Upper Silesian and Lublin basins (Poland) : induced compositional variations in biomarkers, carbon isotopes and macerals” [International Journal of Coal Geology volume (2021) 1–27]

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## Corrigendum to “Simulated maturation by hydrous pyrolysis of bituminous coals and carbonaceous shales from the Upper Silesian and Lublin basins (Poland): Induced compositional variations in biomarkers, carbon isotopes and macerals” [International Journal of Coal Geology volume (2021) 1–27]

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The authors noticed defects in Table 3 and Fig. 3.

The authors would like to apologise for any inconvenience caused.

Table 3 Vitrinite reflectance and organic matter petrographic composition of original coal and shale samples and samples after hydrous pyrolysis at 330 and 360 oC for 72 h.

**Fig. 3.** (A and B) Extracted bitumen yield (mg/g TOCo), (C and D) expelled oil yield (mg/g TOCo), (E and F) 100 ΣV/ΣOM ratio and (G and H) 100 Bit/ΣOM ratio versus vitrinite reflectance of (A, C, E and G) coals

and (B, D, F and H) carbonaceous shales of original samples and after HP at 330 °C and 360 °C for 72 h. See Fig. 2 for sample key and stratigraphy of currently analysed samples in this and following figures. Ext. – Extracted; TOCo – initial total organic carbon; ΣOM – sum of components of organic matter = ΣV + ΣI + ΣL + Ch + Bit + Sem; ΣV – sum of vitrinite macerals; ΣI – sum of inertinite macerals; ΣL – sum of liptinite macerals; Ch – natural char; Bit – bitumen; Sem – semicoke.

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Sample code	HP temp. (°C)	*R <sub>r</sub> (%)	Maceral composition (%)																		Ch (%)	Bit (%)	Sem (%)	Min. Mat. (%)	Petrographic ratios																	
			Ct	Cd	Te	Vd	PaV	VPo	VCr	SRV	ΣV	Fu	Sf	Fg	Ma	Mi	Sec	Id	ΣI	Sp	Cu	Re	Ld	ΣL	100	100	100	100	100	100	100	100	100	100	100							
			ΣV/ ΣOM	ΣI/ ΣOM	ΣL/ ΣOM	(Sem + VCr)/ ΣOM	Ch/ ΣOM	Bit/ ΣOM	Sem/ ΣOM	PaV/ ΣOM	VCr/ ΣOM	VPo/ ΣOM	SRV/ ΣOM																													
<i>Upper Silesian Coal Basin</i>																																										
Br-20st	Original	0.83	7.1	0.0	0.0	1.8	0.0	0.0	0.0	8.9	0.2	1.1	0.0	0.0	0.0	0.0	1.3	2.6	0.6	0.2	2.0	0.7	3.5	0.0	0.0	0.0	85.0	59.3	17.3	23.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	330	1.32	0.0	0.0	0.0	2.0	0.0	0.0	0.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	97.0	93.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.7					
	360	1.74	0.0	0.0	0.0	0.4	4.0	0.0	0.0	1.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	94.2	93.1	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.2				
Br-20c	Original	0.86	62.0	13.2	0.0	0.2	0.0	0.0	0.0	0.0	75.4	2.1	5.0	0.3	0.5	0.0	0.0	3.2	11.1	6.0	2.2	0.7	1.9	9.0	0.0	0.0	0.0	4.5	79.0	11.6	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	330	1.35	0.0	0.0	0.0	0.0	54.6	0.8	29.0	0.0	84.4	4.0	1.0	0.0	0.2	0.0	0.2	0.2	5.6	0.0	0.0	0.0	0.0	0.0	0.0	84.4	5.6	0.0	38.6	0.0	0.0	0.4	9.6	0.0	54.6	29.0	0.8	0.0	0.0	0.0		
	360	1.77	0.0	0.0	0.0	0.0	15.8	9.0	1.2	0.0	26.0	6.4	0.8	0.0	0.2	0.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	66.0	0.0	26.0	8.0	0.0	67.2	0.0	0.0	0.0	66.0	15.8	1.2	9.0	0.0	0.0	0.0		
Br-20sb	Original	0.83	4.7	0.0	0.0	0.9	0.0	0.0	0.0	5.6	1.1	2.5	0.0	0.2	0.0	0.0	0.4	4.2	0.8	0.1	0.1	3.1	0.0	0.0	0.0	88.9																
Br-23st	Original	0.86	3.3	0.0	0.0	1.8	0.0	0.0	0.0	0.5	1.2	2.2	0.0	0.3	0.0	0.0	1.9	5.6	1.6	0.7	0.4	0.9	3.6	0.0	0.0	0.0	85.7															
Br-23c	Original	0.90	24.8	14.5	0.3	0.2	0.0	0.0	0.0	39.8	5.7	22.2	0.7	6.8	1.3	0.6	6.7	43.4	9.8	3.4	0.8	0.0	14.0	0.0	0.0	0.0	2.8	40.9	44.7	14.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	330	1.34	0.0	0.0	0.0	0.0	21.8	28.0	4.2	0.0	54.0	12.4	23.0	0.6	1.0	1.6	0.0	4.6	43.2	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.6	54.3	43.5	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.2
	360	1.71	0.0	0.0	0.0	0.0	25.4	30.0	1.2	0.0	56.6	15.2	7.8	0.0	3.0	0.0	0.0	2.8	28.8	0.0	0.0	0.0	0.0	0.0	0.0	11.6	2.4	58.0	29.5	0.0	13.1	0.0	0.6	11.9	26.0	1.2	30.7	0.0	0.0	0.0		
Br-23sb	Original	0.92	1.9	0.0	0.0	1.4	0.0	0.0	0.0	3.3	0.1	0.2	0.0	0.0	0.0	0.0	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	96.2	86.8	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
	330	1.33	0.0	0.0	0.0	0.0	1.6	0.0	0.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	98.2	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88.9					
	360	1.70	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.2	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0					
Br-24c	Original	0.80	32.7	11.8	0.1	0.0	0.0	0.0	0.0	44.6	7.1	23.3	3.4	2.4	1.0	0.0	7.8	45.0	5.8	2.2	0.3	0.1	8.4	0.0	0.0	0.0	2.0															
Ja-22c	Original	1.12	36.9	6.1	0.3	0.0	0.0	0.0	0.0	43.3	6.1	27.1	1.3	1.0	1.9	0.0	6.1	43.5	7.0	0.0	2.0	0.0	9.0	0.0	0.0	0.0	4.2															
Si-22st	Original	0.66	6.1	0.0	0.0	1.8	0.0	0.0	0.0	7.9	0.3	2.4	0.0	0.0	0.0	0.0	1.3	4.0	3.6	0.2	0.0	1.3	5.1	0.0	0.0	0.0	83.0	46.5	23.5	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	330	1.36	0.0	0.0	0.0	0.6	0.0	0.0	2.6	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95.8	76.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.9					
	360	1.73	0.0	0.0	0.0	0.8	0.0	0.0	1.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	97.0	73.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.7					
Si-22c	Original	0.70	61.5	20.7	0.0	0.0	0.0	0.0	0.0	82.2	0.1	0.9	0.4	0.5	0.0	0.0	0.0	0.1	9.4	1.7	0.1	0.8	7.0	0.0	0.0	0.0	8.9	90.2	2.1	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	330	1.39	0.0	0.0	0.0	0.0	61.4	8.4	22.0	0.0	91.8	1.2	0.0	0.0	0.0	1.0	0.2	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	5.8	97.5	2.5	0.0	23.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.2	
	360	1.77	0.0	0.0	0.0	0.0	10.2	7.0	0.0	0.0	17.2	0.0	0.8	0.0	0.0	0.0	0.0	0.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	56.6	25.2	23.0	1.3	0.0	75.7	0.0	0.0	0.0	75.7	13.6	0.0	9.4	0.0	0.0	0.0	0.0
Si-22sb	Original	0.68	3.7	0.0	0.0	2.6	0.0	0.0	0.0	6.3	0.4	1.0	0.0	0.0	0.0	0.0	1.1	2.5	0.6	0.3	0.0	1.2	0.0	0.0	0.0	90.0																
Si-23st	Original	0.57	11	0.0	0.7	3.2	0.0	0.0	0.0	14.9	0.4	1.7	0.0	0.0	0.0	0.0	0.7	2.8	1.8	1.1	0.4	1.0	4.3	0.0	0.0	0.0	78.0	76.6	12.9	19.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	330	1.36	0.0	0.0	0.0	0.9	1.2	0.0	4.2	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.2	96.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.0					
	360	1.74	0.0	0.0	0.0	0.3	0.6	0.2	0.8	8.2	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87.2	93.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.1					
Si-23c	Original	0.60	35.3	18.8	0.1	0.1	0.0	0.0	0.0	54.3	4.9	11.1	0.3	1.6	0.0	0.0	6.9	24.8	13.2	2.9	0.9	0.3	17.3	0.0	0.0	0.0	3.6	56.3	25.7	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	330	1.39	0.0	0.0	0.0	0.0	36.2	47.6	1.0	0.0	84.8	5.6	1.8	0.0	0.6	3.4	0.0	1.4	12.8	0.0	0.0	0.0	0.0	0.0	0.0	1.4	86.0	13.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.7			
	360	1.75	0.0	0.0	0.0	0.0	47.2	35.8	4.0	0.0	87.0	4.8	3.2	0.0	0.0	0.0	0.0	1.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	87.9	9.1	0.0	5.9	0.0	0.0	1.2	1.8	47.7	4.0	36.2	0.0	0.0	0.0	0.0	
Si-23sb	Original	0.59	9.6	0.0	0.0	3.5	0.0	0.0	0.0	13.1	0.5	2.0	0.0	0.0	0.0																											

\* $R_f$  - mean vitrinite reflectance value after Kotarba et al. (2021); SOM - sum of components of organic matter =  $\Sigma V + \Sigma I + \Sigma L + Ch + Bit + Sem$ ;  $\Sigma V$  - sum of vitrinite macerals;  $\Sigma I$  - sum of inertinite macerals;  $\Sigma L$  - sum of liptinite macerals; Ct - collotelinite; Cd - collodetrinite; Te - telinite; Vd - vitrodetrinite; PaV - paler vitrinite; VPo - vitrinite with pores; VCr - vitrinite with cracks; SRV - strongly reacted vitrinite; Fu - fusinite; Sf - semifusinite; Ma - macrinite; Mi - micrinite; Fg - funginite; Sec - secretinite; Id - inertodetrinite; Sp - sporinite; Cu - cutinite; Re - resinite; Ld - liptodetrinite; Ch - natural char; Bit - bitumen; Sem - semicoke; Min. Mat. - mineral matter; c - channel coal sample; st - block shale sample collected above coal seam; sb - block shale sample collected below coal seam. Petrographic ratios were calculated for coal and shale samples selected for hydrous pyrolysis.

