



Correction to: Investigation of organic material self-heating in oxygen-depleted condition within a coal-waste dump in Upper Silesia Coal Basin, Poland

Ádám Nádudvari¹ · Monika J. Fabiańska¹ · Magdalena Misz-Kennan¹ · Justyna Ciesielczuk¹ · Adam Kowalski²

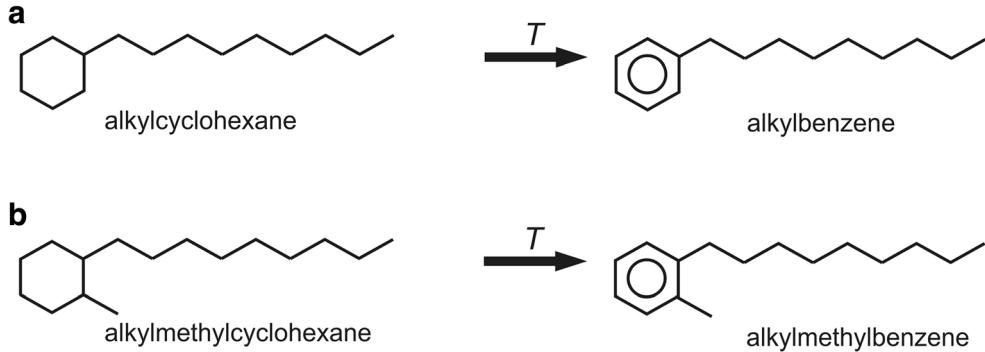
Published online: 13 January 2020
© Springer-Verlag GmbH Germany, part of Springer Nature 2020

Correction to: Environmental Science and Pollution Research
<https://doi.org/10.1007/s11356-019-07336-8>

The original publication of this paper contains a mistake.
The correct caption of figures 7 and 8 is shown in this paper.

The original article was corrected.

Fig. 7 Schematic diagram of the transformation (aromatization) process of alkylcyclohexane during self-heating



The online version of the original article can be found at <https://doi.org/10.1007/s11356-019-07336-8>

✉ Ádám Nádudvari
adam.nadudvari@us.edu.pl

¹ Faculty of Natural Sciences, University of Silesia, 60 Będzińska Street, 41-200 Sosnowiec, Poland

² Faculty of Geology, Geophysics and Environmental Protection, Akademia Górnictwa-Hutnicza (AGH) University of Science and Technology, 30 Mickiewicza Avenue, 30-059 Krakow, Poland

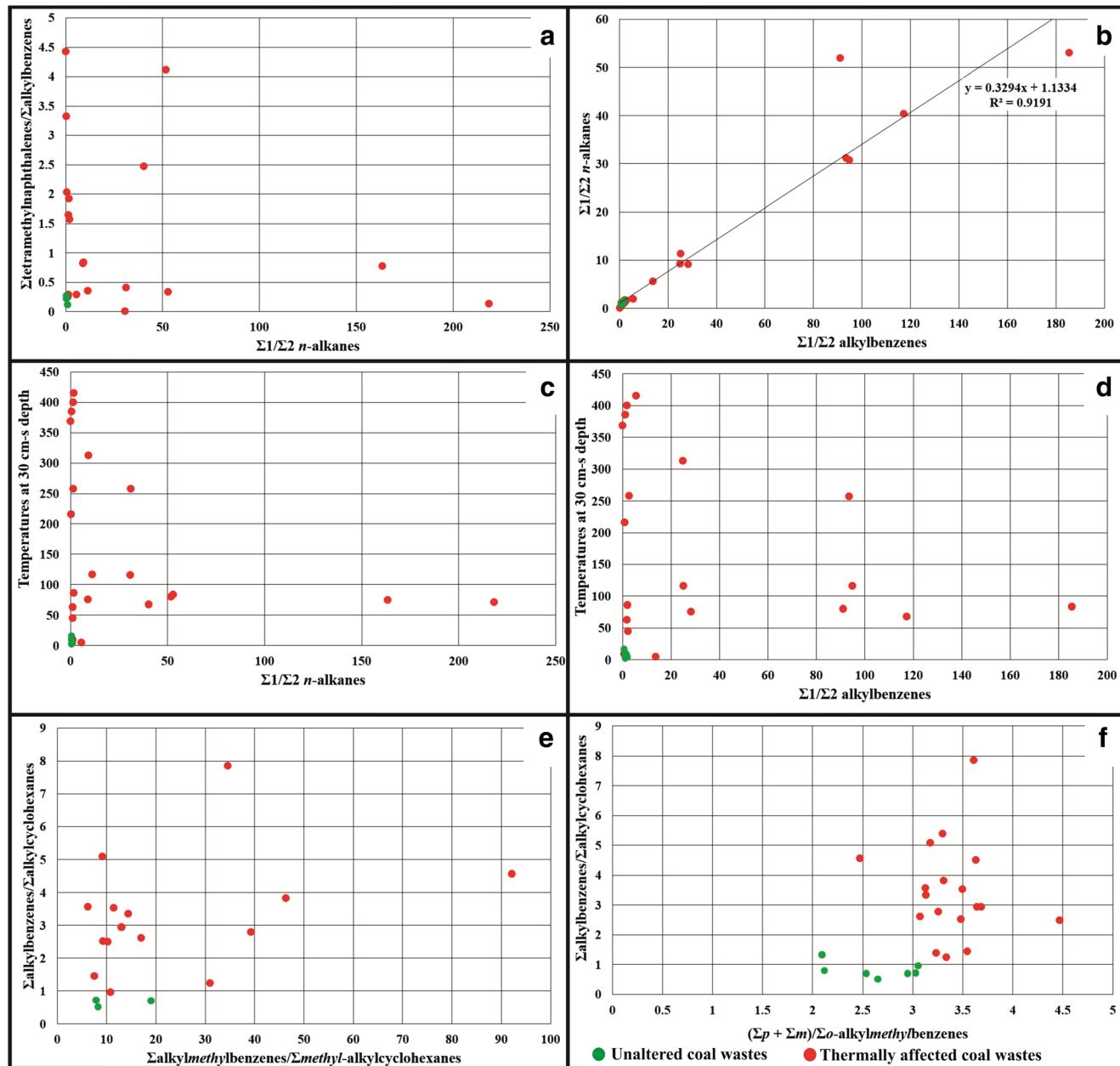


Fig. 8 Various ratios combined with temperature measurements at 30 cm depth to distinguish heated- and unaltered coal waste. Σ 1/ Σ 2 n-alkanes: short chain (n - C_{13} – C_{22}) / long chain (n - C_{23} – C_{36}) Σ 1/ Σ 2 alkylbenzenes:short chain (C_{12} – C_{21}) / long chain (C_{22} – C_{32}) Σ tetramethylnaphthalenes: 1,3,6,7-tetramethylnaphthalene; 1,2,4,6 + 1, 2, 4, 7 -+ 1, 4, 6, 7-tetramethylnaphthalene; 1, 2, 5, 7 -

tetramethylnaphthalene; 2,3,6,7-tetramethylnaphthalene; 1,2,6,7-tetramethylnaphthalene; 1,2,3,7-tetramethylnaphthalene; 1,2,3,6-tetramethylnaphthalene; 1,2,5,6 -+ 1,2,3,5-tetramethylnaphthalene Σ alkylmethylbenzenes: (C_{12} - C_{31}) Σ methylalkylcyclohexanes: (C_{15} - C_{29}) Σ alkylcyclohexanes: (C_{13} - C_{33}) $(\Sigma p + \Sigma m)/\Sigma o$ alkylmethylbenzenes: (Σ para C_{12} - C_{31} + Σ meta C_{12} - C_{31}) / Σ ortho C_{12} - C_{31} alkylmethylbenzenes