

1 Running Title of first page: *Pedosphere* **32**(??): ??-??, 2022
2 doi:10.1016/S1002-0160(??)??
3 ISSN 1002-0160/CN 32-1315/P
4 © 2022 Soil Science Society of China
5 Published by Elsevier B.V. and Science Press
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7 Running Title of even pages: D. SEBAG *et al.*

8 Running Title of odd pages: ROCK-EVAL® ANALYSIS OF SOIL SIZE FRACTIONS
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13 **Size fractions of organic matter pools influence their stability: Application of** 14 **the Rock-Eval® analysis to beech forest soils**

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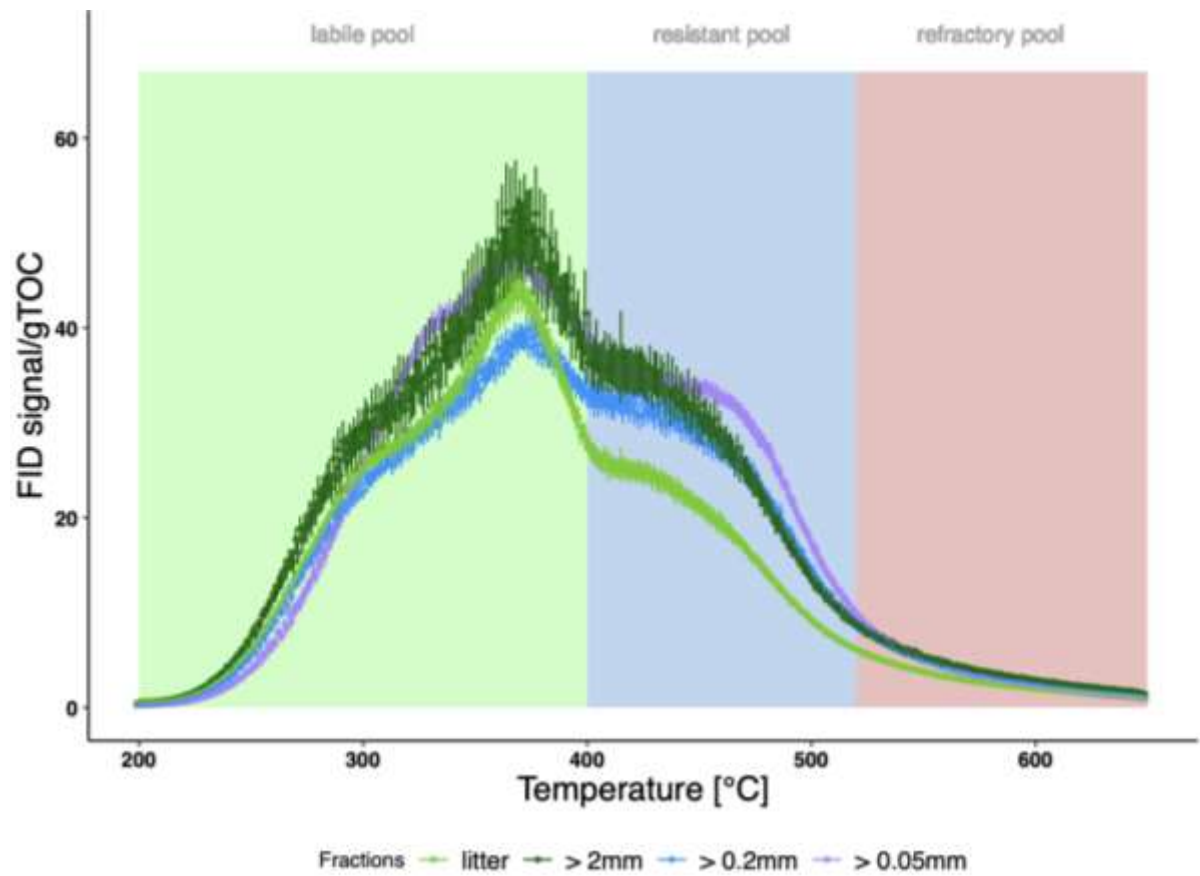
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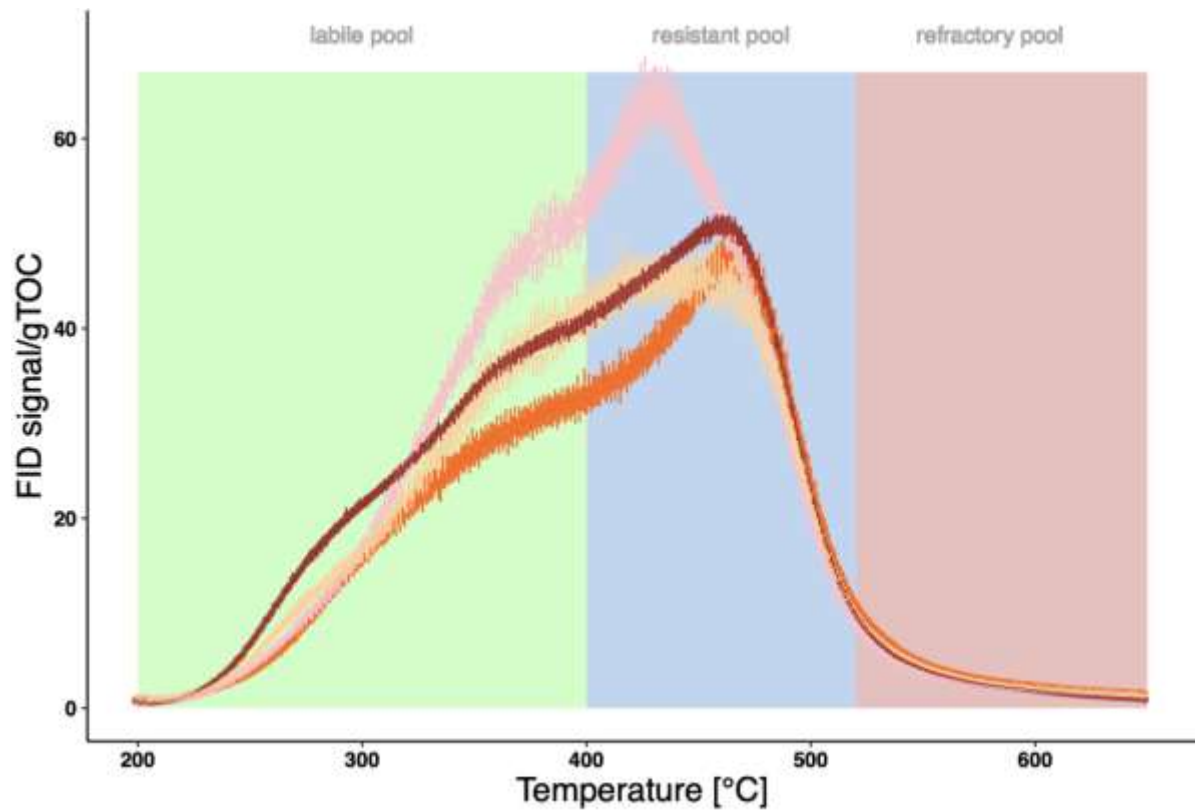
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30 (Received ; revised ; accepted)
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 35 Fig. S1. Average S2 thermograms and associated standard errors for organic layers and O fractions. The
 36 area below each curve corresponds to the total HC amount (relative to the equivalent organic C
 37 content) released during the pyrolysis phase.
 38



Fractions — > 200 — > 50 — < 50 — topsoil

39
 40 Fig. S2. Average S2 thermograms and associated standard errors for topsoil and A fractions The area
 41 below each curve corresponds to the total HC amount (relative to the equivalent organic C content)
 42 released during the pyrolysis phase.
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