Supplementary Material (ESI) for Chemical Communications

Synthesis of ordered mesoporous carbons with channel structure from an organic–organic nanocomposite

Shunsuke Tanaka, Norikazu Nishiyama,* Yasuyuki Egashira and Korekazu Ueyama

Division of Chemical Engineering, Graduate School of Engineering Science, Osaka University, 1-3 Machikaneyama, Toyonaka, Osaka 560-8531 Japan. Fax: +81 6 6850 6256; Tel: +81 6 6850 6256; E-mail: nisiyama@cheng.es.osaka-u.ac.jp

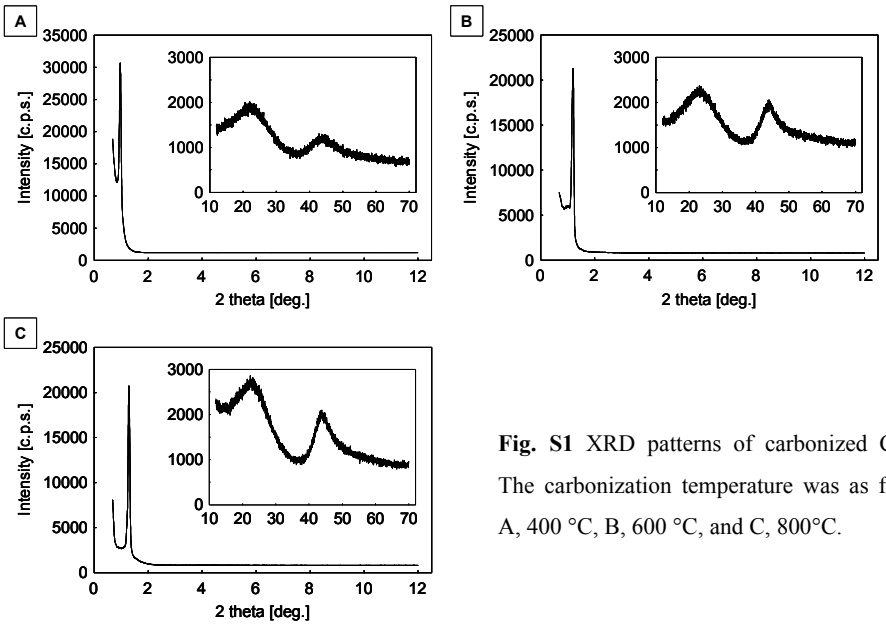

Fig. S1 XRD patterns of carbonized COU-1. The carbonization temperature was as follows. A, 400 °C, B, 600 °C, and C, 800°C.

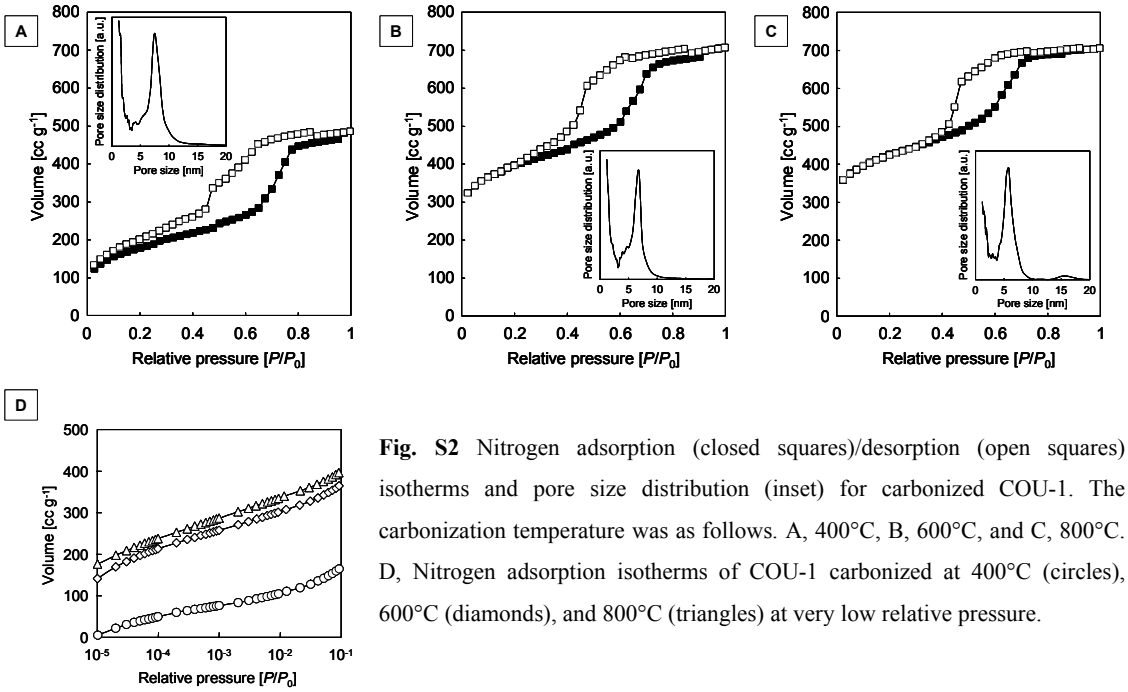

Fig. S2 Nitrogen adsorption (closed squares)/desorption (open squares) isotherms and pore size distribution (inset) for carbonized COU-1. The carbonization temperature was as follows. A, 400°C, B, 600°C, and C, 800°C. D, Nitrogen adsorption isotherms of COU-1 carbonized at 400°C (circles), 600°C (diamonds), and 800°C (triangles) at very low relative pressure.