† Electronic Supporting Information (ESI)

Hierarchical Nanostructured $NiCo_2O_4$ as an Efficient Bifunctional Non-Precious Catalyst for Rechargeable Zinc-air Battery

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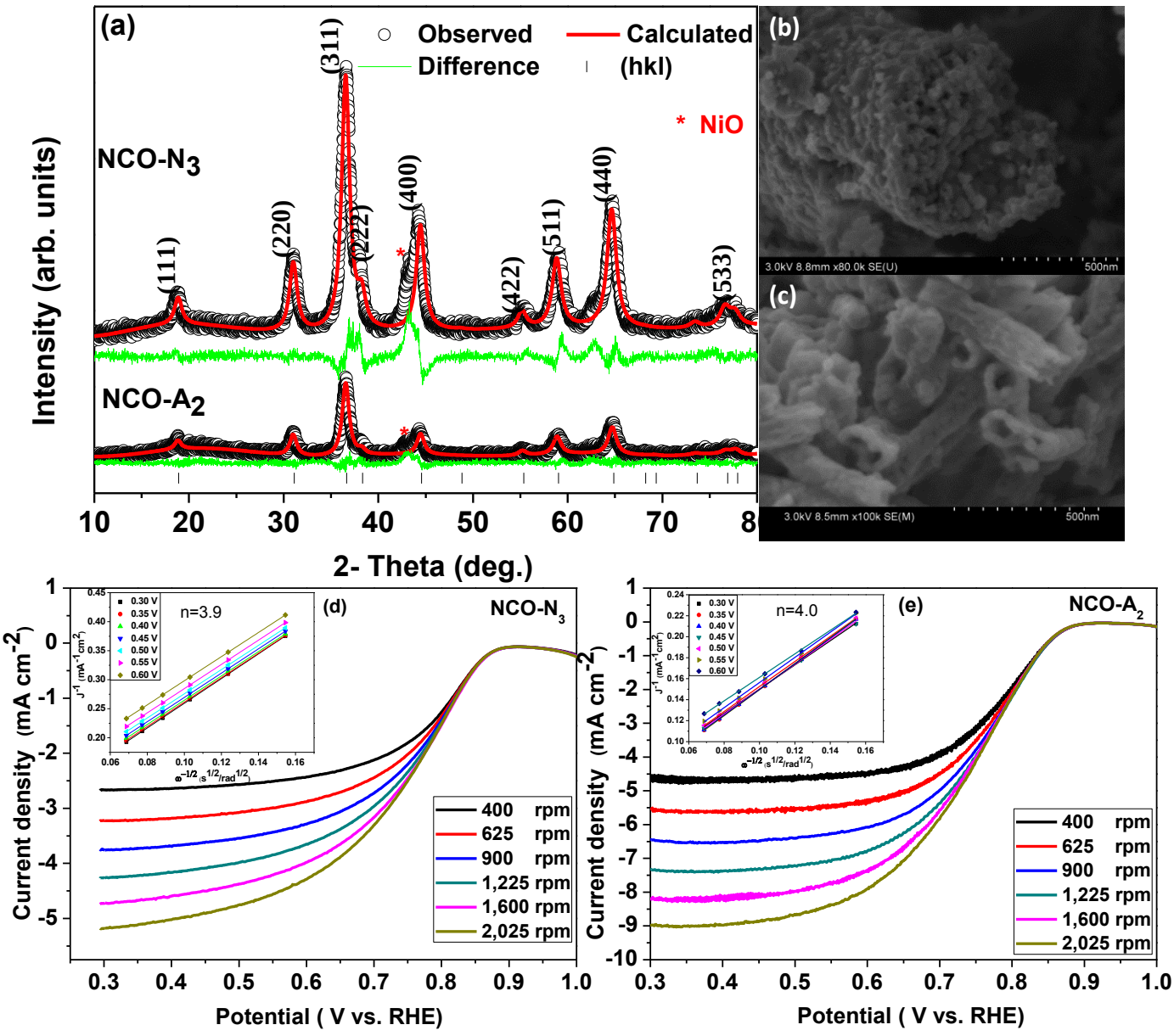

Fig. S1 (a) Rietveld refined XRD pattern of NCO-N_3, NCO-A_2. The continuous line is fitted data and symbols are experimental data. The differences patterns and Miller indices (h k l) are shown, (b) SEM image of NCO-N_3, (c) SEM image of NCO-A_2, (d, e) Oxygen reduction polarization curves for NCO-N_3, NCO-A_2 at different rotation rates with a scan rate of 5 mV/s. Inset shows the Koutecky–Levich plot at different potentials.

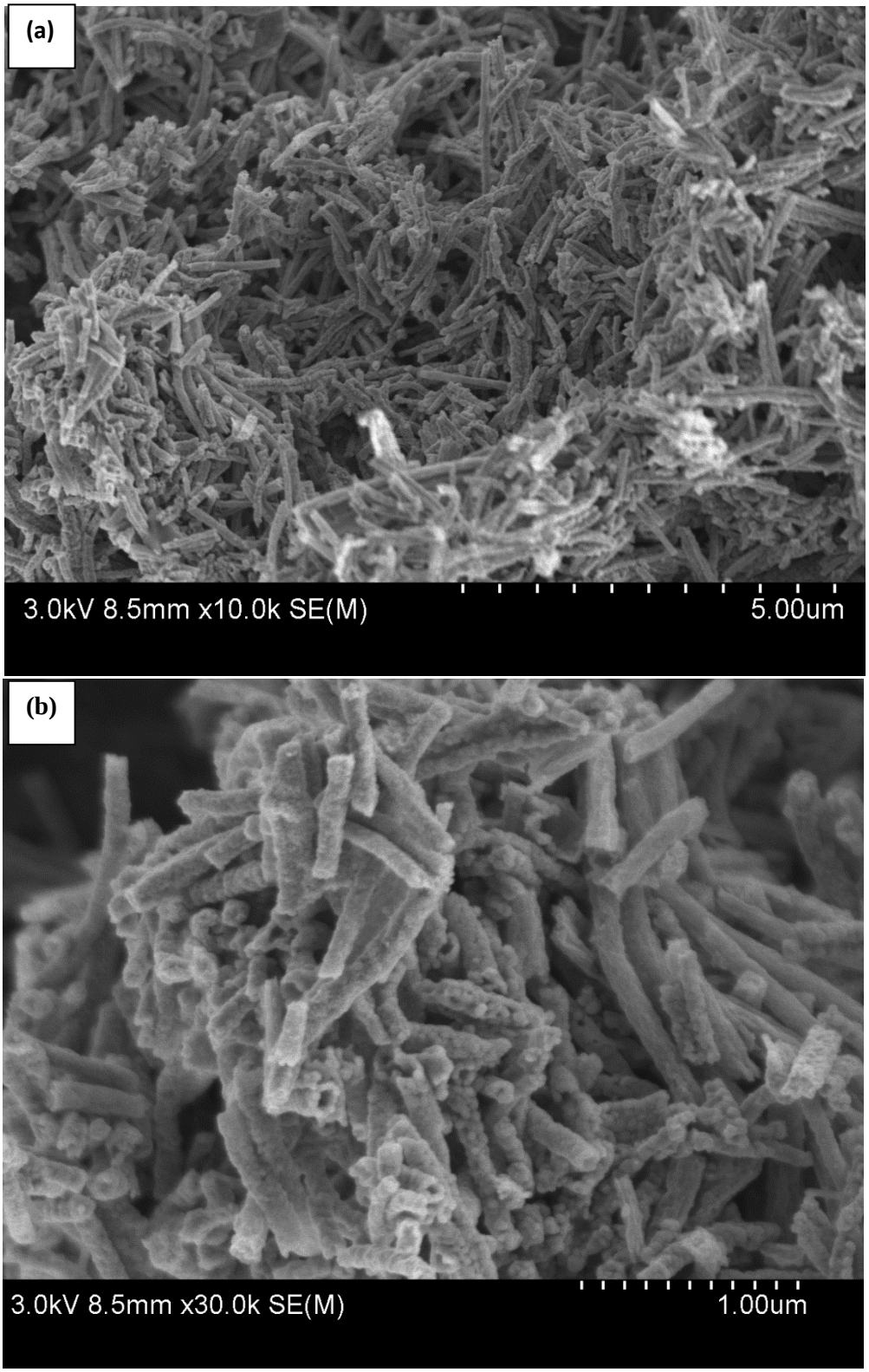

Fig. S2 (a) Low and (b) high magnification SEM images of NCO-A_1 catalyst. The SEM image (b) clearly shows the porous tubular morphology of NCO-A_1 sample.