

Supporting information

Spectral selectivity of 3D magnetophotonic crystal film fabricated from butterfly wing scale

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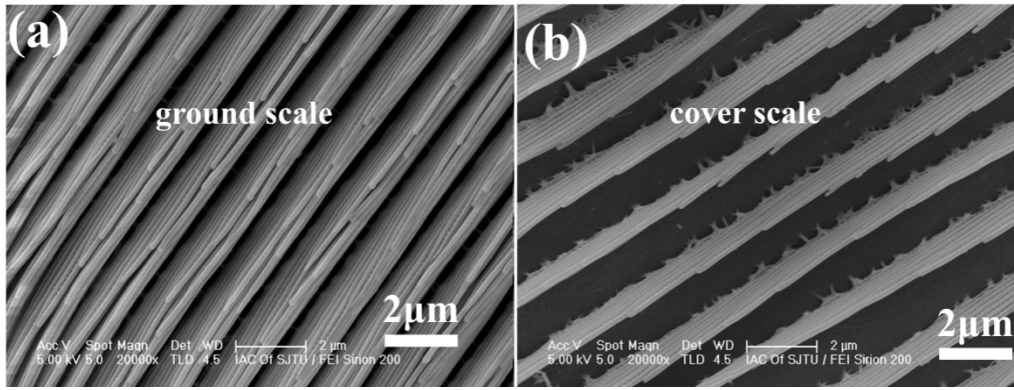


Fig. S1 SEM images of ground scale and cover scale

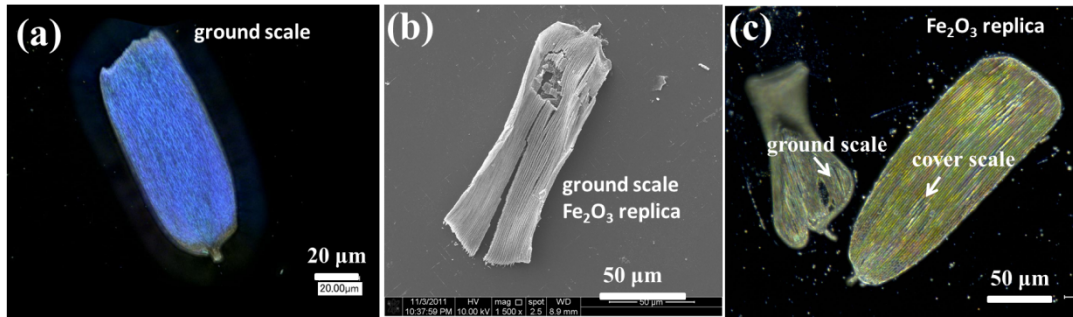


Fig. S2 optical image of natural ground scale (a), Fe₂O₃ replica of ground scale(b), optical image of Fe₂O₃ replica(c). Cover scale in (c) is list as comparison.

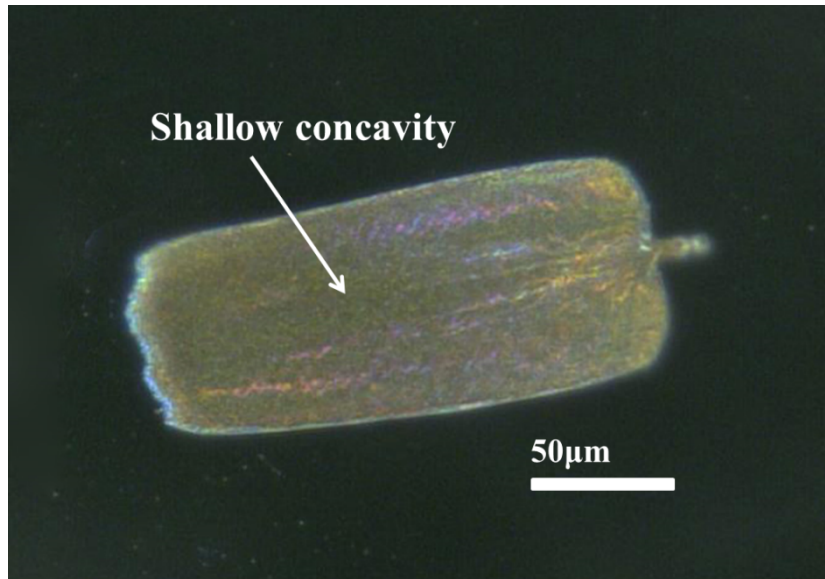


Fig. S3. Back of the ground scale

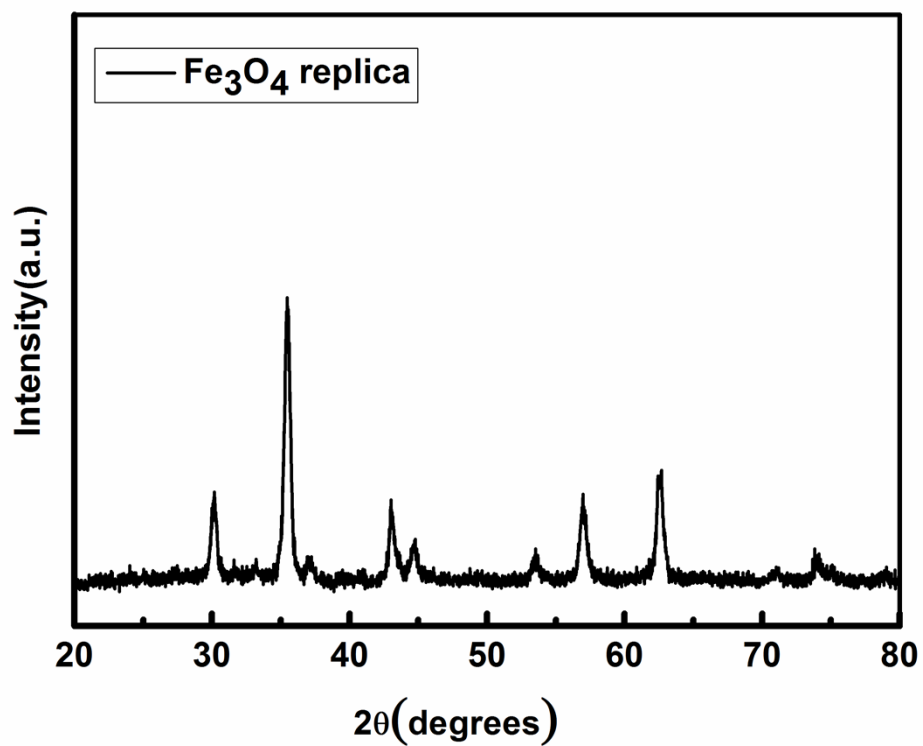


Fig. S4 XRD pattern of the Fe₃O₄ replica from a whole butterfly wing