

Fig. S1. (A) Change in peak position for the high energy OH stretching peak as a function of stratum corneum depth. Both treatment groups are indicated by black circles. (B) Change in peak position for the low energy OH stretching peak as a function of stratum corneum depth. Depth is based on the maximum penetration of an evanescent wave at 3400 cm^{-1} . Summer birds are indicated by black circles and solid line, winter birds are indicated by white circles and dashed line.

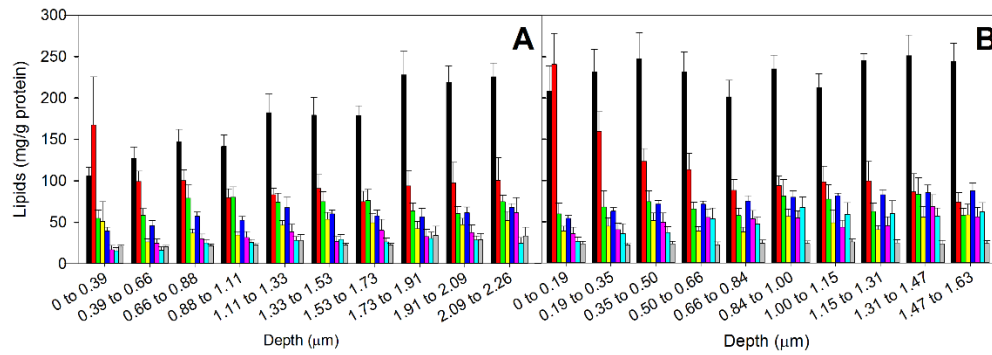


Fig. S2. Summary of lipids (mg/g protein) at each depth increment for Summer (A) and Winter (B) House Sparrows. Black = Free fatty acids, Red = Cholesterol ester, Green = Triacylglycerols, Yellow = Fatty acid methyl esters, Dark Blue = Cerebrosides, Dark Pink = Ceramide I, Light Blue = Ceramide II, Gray = Cholesterol.