

Supporting Information

Composition and Function of Spider Glues

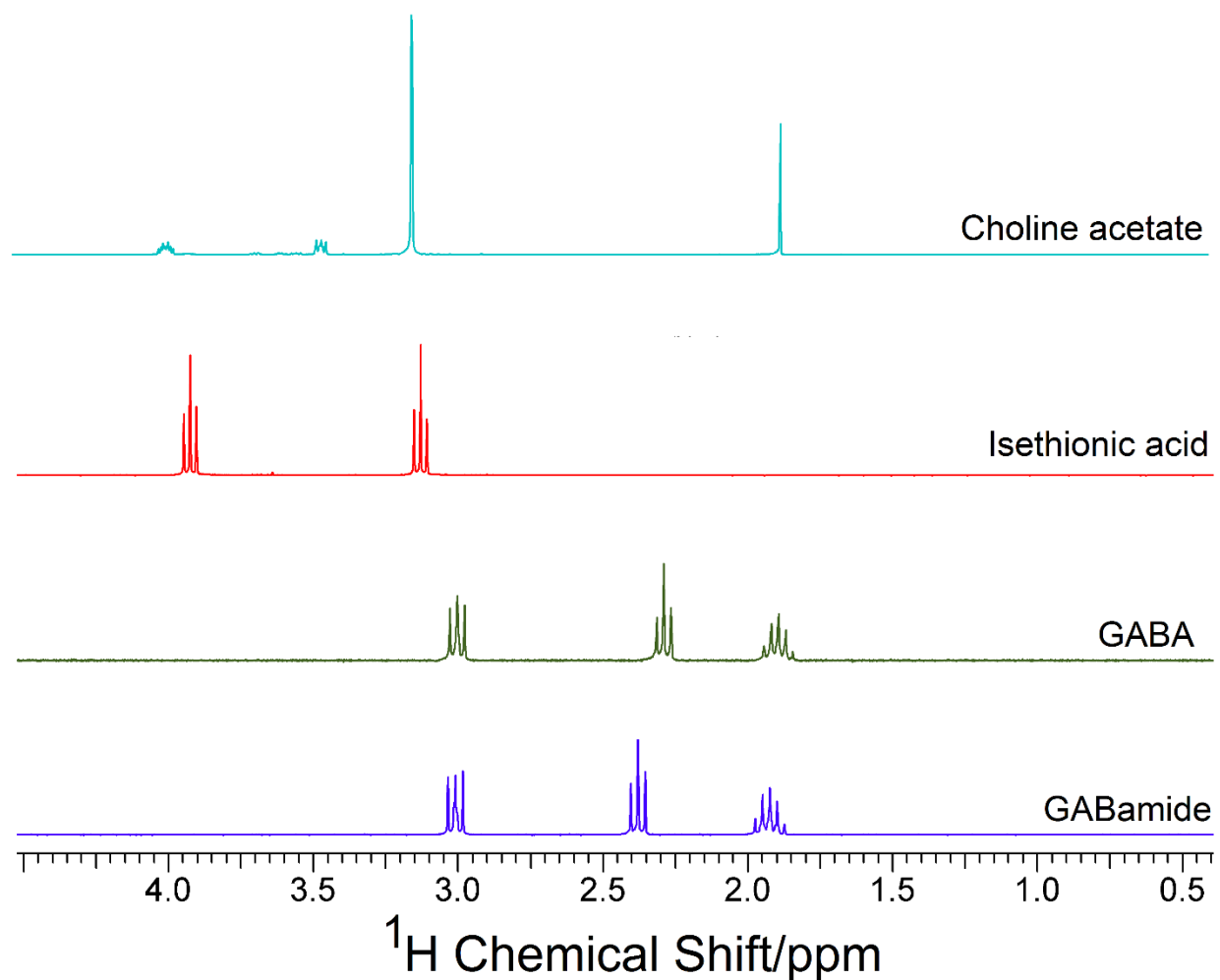
Maintained During the Evolution of Cobwebs

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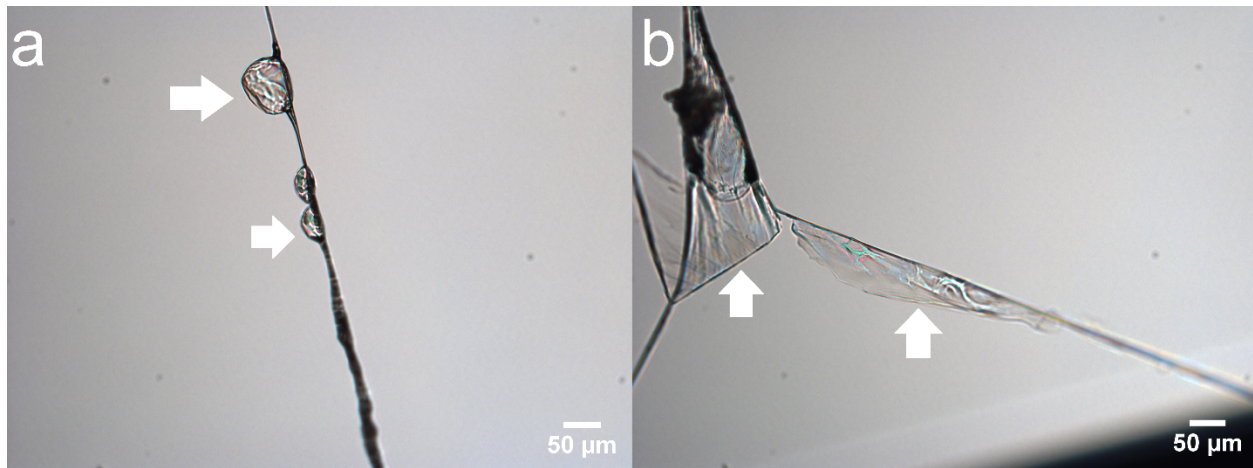
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Supporting Figure 1. *Solution-State NMR for synthetic salts.* ^1H NMR spectrum shows the peaks for synthetic salts Choline acetate, Isethionic acid, GABA and GABamide. The peak assignments were used to confirm the salts in natural water-soluble extracts obtained from gumfoot silk of *Latrodectus hesperus*.



Supporting Figure 2. *Washed viscid silk threads.* Figure a and b are the optical images of water-washed suspended viscid silk threads from webs of *Larinoides cornutus*. White arrows indicate the presence of water insoluble glycoproteins left on the threads after the washing.