

Self-Assembly in Plant Barrier Biopolymers

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A new procedure is given to isolate the components that constitute the translucent lines present in some layered plant cuticles. These electron-translucent lines are mainly composed of fatty acids and *n*-alkanes. This waxy material is capable to form molecular bilayers with a constant thickness of approximately 5 nm. This special arrangement have a strong contribution in water transport across the cuticle.

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