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Cover	Starch-free chloroplast from fully expanded leaf of <i>Nicotiana rustica</i> , fixed in 2.5 percent KMnO_4 (about $\times 7500$). The compartmented structures are grana and the chlorophyll is thought to be associated with the darkened partitions. A precursor of starch may form in the electron-transparent space between the partitions. The grana are embedded in a granular stroma and are connected by anastomosing channels or frets. The whole system, bounded by an envelope, is labile and responds to variations in light intensity, mineral nutrition, herbicides, and the type of fixative that is used to prepare the leaf material for study. See page 867 [T. E. Weier, University of California, Davis]	

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