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(A) Scanned image of a fresh celery petiole in cross-section. (B) Student-prepared tissue prints of cross-sections, immunostained to visualize the distribution of Rubisco (purple). Strongly stained sections are from mature and young petioles of plants grown in bright light, while weakly stained sections (arrows) are from petioles kept in water under dim light for several days before printing, leading to a decrease in Rubisco content. From Ma et al. article on p. 140.