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ON THE COVER

Sunrise over a tropical forest in Brazil. The seasonal patterns of leaf development in Amazonian forests, measured using tower-based cameras above the tree crowns, regulate the patterns of carbon dioxide flux in the forest canopy. Photosynthesis tends to be greatest when the crop of young leaves reaches a peak, rather than depending on precipitation in the rainy season. See page 972.

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Printed in the U.S.A.