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Cover: Bumblebees use visual information for flight speed control. Chequerboard patterns such as the one shown here were used by E. Baird, T. Kornfeldt and M. Dacke to investigate where in the visual field bumblebees measure visual information for flight speed control (pp. 1625-1632). Experiments using these patterns have shown that bumblebees reduce their flight speed when they enter cluttered environments; thus, reducing the risk of collision. Moreover, bumblebees are able to detect these cluttered environments well before they encounter them. Photograph by E. Baird.

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