A detailed photograph of two owls with their wings spread wide, filling most of the cover. The owls have intricate feather patterns in shades of brown, tan, and black. Their eyes are a striking orange-red color. The background is dark, making the owls stand out.

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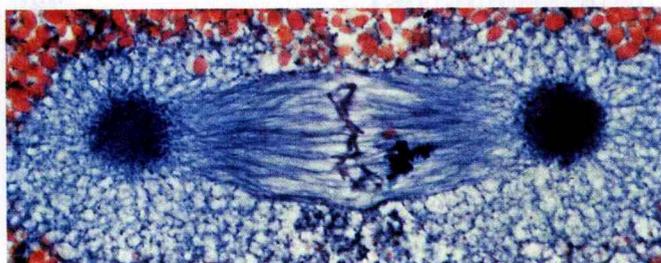
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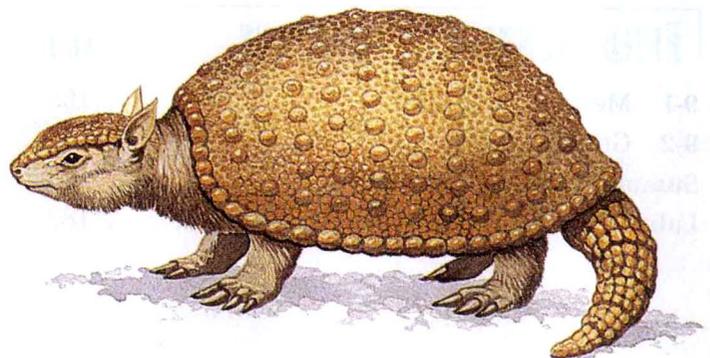
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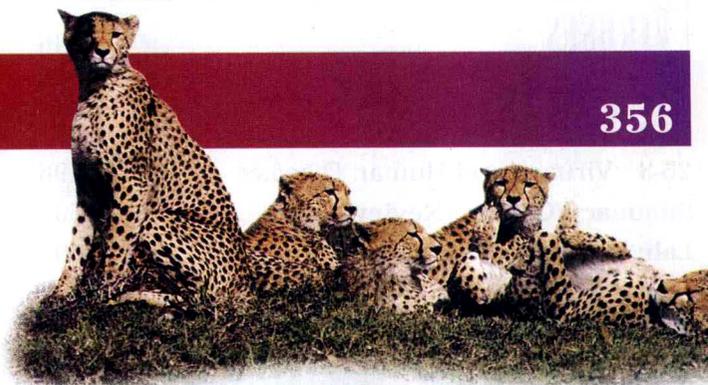
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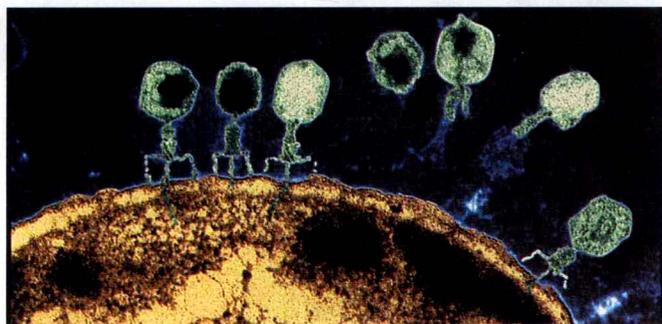
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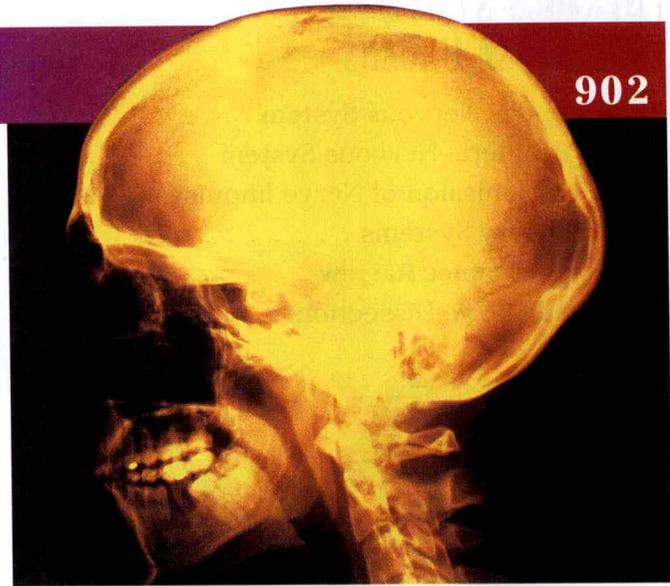
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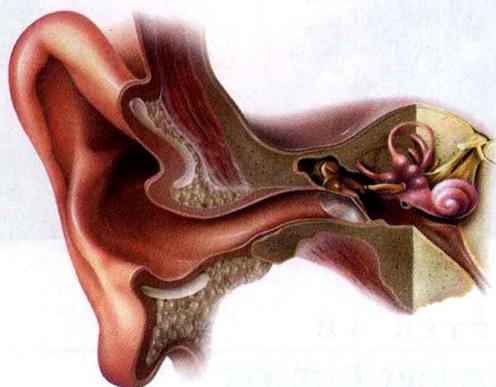
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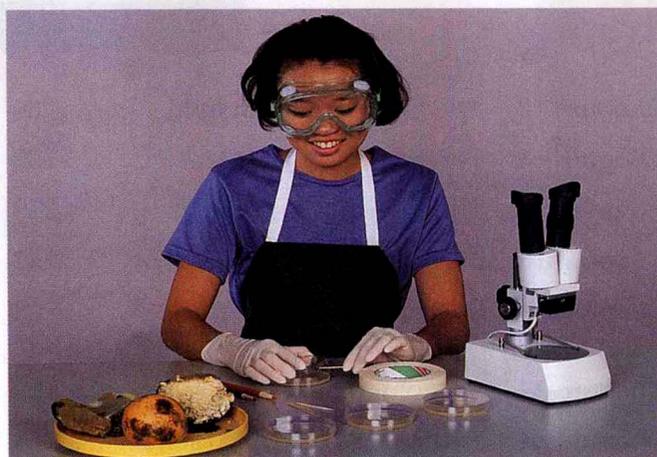
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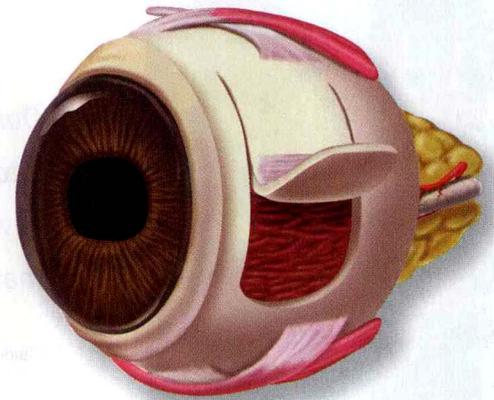
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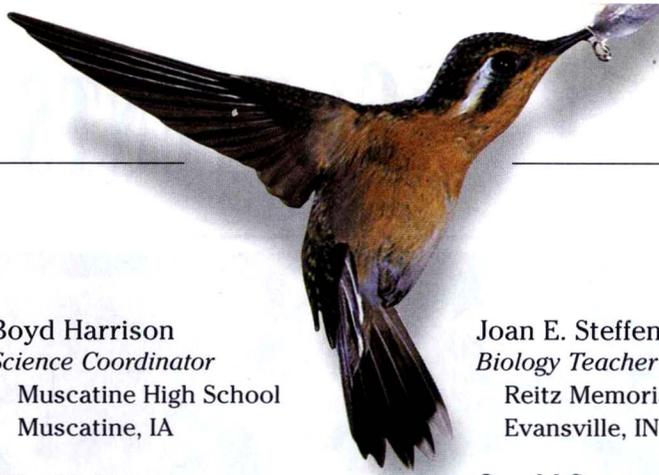
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Unit 1

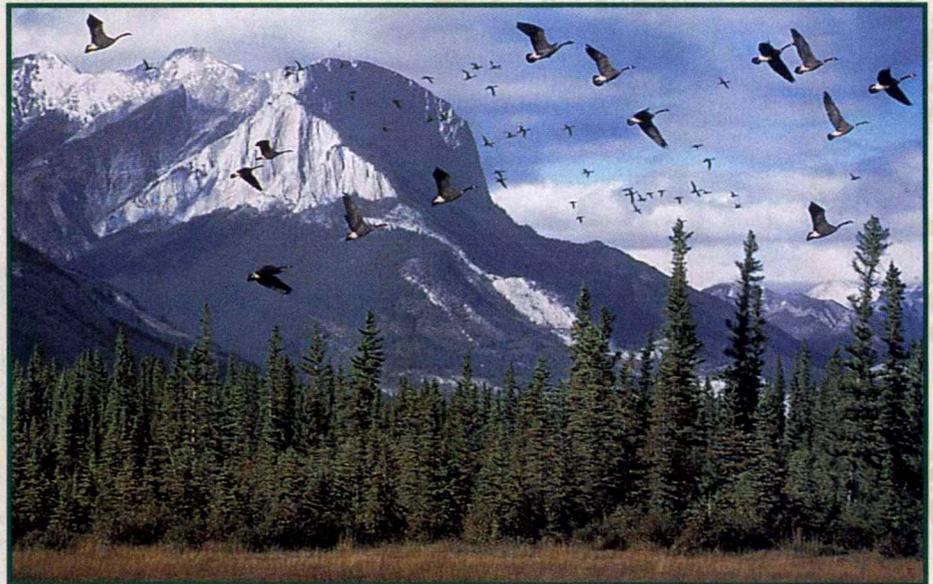
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- 3 *Biochemistry*

BIOLOGICAL PRINCIPLES

“Our ideas are only instruments which we use to break into phenomena; we must change them when they have served their purpose, as we change a blunt lancet that we have used long enough.”

Claude Bernard



Organisms living in this taiga ecosystem are adapted for dry, cold weather and reduced availability of food in winter.