



**SEXUAL CELLS** of all songbirds studied by scientists were found to contain an “extra” chromosome with a yet **UNKNOWN FUNCTION**, previously treated as a **BIOLOGICAL ODDITY**. P. 6

Armed with a **COMPLEX HALLER’S ORGAN**, ixodid ticks can **SENSE** the smell and thermal radiation of a **POTENTIAL VICTIM** from a **10-METER DISTANCE**. P. 26

## .01

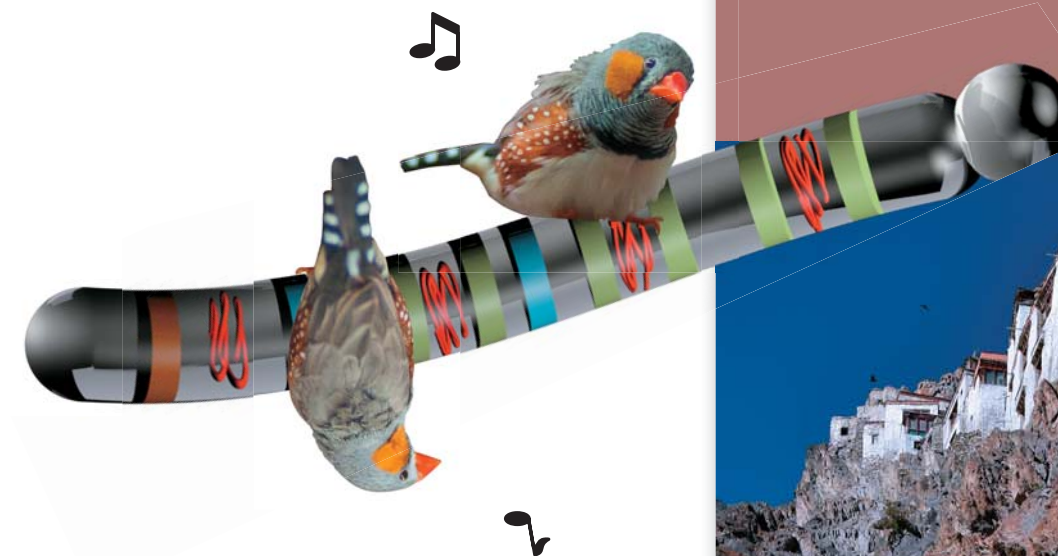
### LIFE SCIENCES

- 06 *P. M. Borodin, A. A. Torgasheva, L. P. Malinovskaya, N. B. Rubtsov, S. A. Galkina, D. M. Larkin*  
The Story of the Exceptional Chromosome
- 26 *V. V. Vlasov, V. A. Rar, S. E. Tkachev, N. V. Tikunova*  
Ticks That Bite Us
- 46 *V. V. Vlasov, V. A. Rar, S. E. Tkachev, N. V. Tikunova*  
Ticks: Hold the Line

## .02

### ENCYCLOPEDIA OF EXPEDITIONS

- 62 *N. V. Polosmak*  
History on Rocks



**NEW PREPARATION** against tick-borne **ENCEPHALITIS** on the basis of human immunoglobulin with a “**MOUSE**” **FRAGMENT** has passed **PRECLINICAL TRIALS**. P. 46

In **ZANSKAR**—a little-understood and hard-to-reach area in **TIBET**—rock images of ibexes in the style of the **BRONZE AGE** appear side by side with **BUDDHIST SYMBOLS** of the early Middle Ages. P. 62

