

- U.S.A. 93, 9926 (1996).
- P. W. Landfield, R. K. Baskin, T. A. Pittler, *Science* **214**, 581 (1981).
 - M. J. Meaney, D. H. Aitken, C. van Berkel, S. Bhatnagar, R. M. Sapolsky, *ibid.* **239**, 766 (1988).
 - A. M. Issa, W. Rowe, S. Gauthier, M. J. Meaney, *J. Neurosci.* **10**, 3247 (1990).
 - J. Travis, *Sci. News* **150**, 150 (1996).
 - P. D. Coleman, D. C. Flood, M. West, *J. Comp. Neurol.* **266**, 300 (1987).
 - For example, exposure to pathogens, susceptibility to disease, dietary conditions, exposure to stress, and so forth, might interact with age-related cellular changes to cause neurodegeneration (4, 10).
 - S. R. Bodnoff *et al.*, *J. Neurosci.* **15**, 61 (1995); R. M. Sapolsky, L. C. Krey, B. S. McEwen, *ibid.* **5**, 1221 (1985); D. S. Kerr, L. W. Campbell, M. D. Applegate, A. Brodich, P. W. Landfield, *ibid.* **11**, 1316 (1991).

Earth's Carrying Capacity

The News article "Ecologists look at the big picture" (13 Sept., p. 1490) by Anne Simon Moffat states that I estimated the Earth could support 1 trillion people (1), "assuming improved agriculture." Although I cited deWit's calculation (2) that "1,000 billion people could live from the earth if photosynthesis is the limiting factor," and Marchetti (3) has analyzed how 10^{12} people could live, I analyzed how much land 10 billion people might spare for nature (1).

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References

- P. E. Waggoner, *How Much Land Can Ten Billion People Spare for Nature?* (Council for Agricultural Science and Technology, Ames, IA, 1994), p. 18; *Daedalus* **125**, 73 (1996).
- C. T. deWit, in *Harvesting the Sun*, A. San Pietro, F. A. Greer, T. J. Army, Eds. (Academic Press, New York, 1967), pp. 315-320.
- C. Marchetti, *Energy* **4**, 1107 (1979).

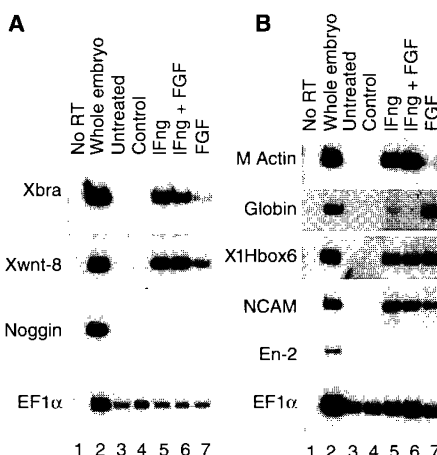
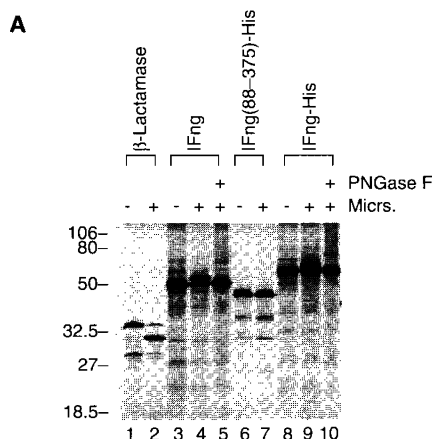
Corrections and Clarifications

In the picture accompanying the article "Universities step up to the challenge" (News, Science in Japan, 4 Oct., p. 44), the person identified as Hiroyuki Yoshikawa, president of the University of Tokyo, was actually Hiroshi Yoshikawa, a professor of molecular biology at Nara Institute of Science and Technology. Hiroyuki Yoshikawa is shown below. *Science* apologizes for the error.



D. NORMILE

Figure 2A (p. 356) and figure 5, A and B (p. 357), in the report "The secreted product of *Xenopus* gene *lunatic Fringe*, a vertebrate signaling molecule" by J. Y. Wu *et al.* (19 July, p. 355) were printed too darkly. The correct figures appear below. In figure 2A there are two bands in lane 4 near 50 kD; in figure 5A there is one band in lane 7 of the Xbra panel; and in figure 5B there is one band in lane 7 of the M Actin panel and one in lane 5 of the Globin panel.

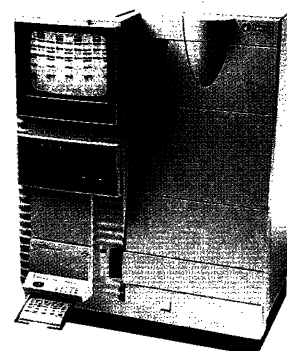


In the ScienceScope item "Gulf's 'dead zone' worries agencies" (18 Oct., p. 331), Terry Nelsen's name was incorrectly spelled.

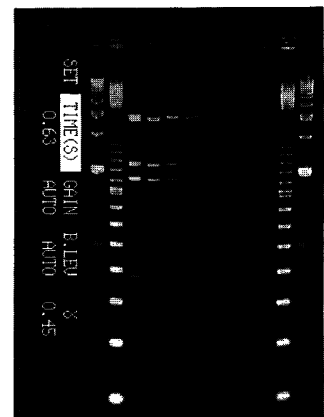
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