LETTERS
Nuclear Non-Proliferation: E. J. Markey; Technological Manpower: S. Doniach; Fetal Alcohol Advisory: R. E. Little; R. J. Sokol; Resolution of Phosphorus Chemists: L. D. Quin et al.; Biomedical Research Funding: J. Gross

EDITORIAL
Creationism and the Age of the Earth

ARTICLES
Regional Differences in the Growth of Normal and Neoplastic Cells: R. Auerbach and W. Auerbach
Biological Control in Agroecosystems: S. W. T. Batra
Scientific Exchanges and U.S. National Security: W. D. Carey; F. Carlucci

NEWS AND COMMENT
Where Is the Science in Creation Science?
Briefing: Magazine of the People; Smithsonian Cuts Up Anthropological Film Unit; NSF Finally Gets a Budget for FY 1982; American Scientists Protest Polish Actions
Commerce to Inherit Energy Research
Low Priority for Clinch River
A Star Fades for Entrepreneur Sagan

RESEARCH NEWS
High-Resolution Imaging with Soft X-rays
A Metallurgical Tale of Irony

BOOK REVIEWS
The Hunters or the Hunted?, reviewed by D. P. Gifford; The Origins of the Turbojet Revolution, R. P. Hallion; Solar Flare Magnetohydrodynamics, D. S. Spicer; Contemporary Microbial Ecology, R. Mitchell; Paleobotany, Paleocology, and Evolution, K. L. Alvin; Books Received

Prices of Books
REPORTS

Carbon-14 Dates at Grande Pile: Correlation of Land and Sea Chronologies:
G. M. Woillard and W. G. Mook ........................................ 159

The Coalescence of Two East Australian Current Warm-Core Eddies:
G. R. Cresswell .............................................................. 161

The Chloride Cell: Definitive Identification as the Salt-Secretory Cell in
Teleosts: J. K. Foskett and C. Scheffey .............................. 164

Liposomes as Gene Carriers: Efficient Transformation of Mouse L-Cells by
Thymidine Kinase Gene: M. Schaefer-Ridder, Y. Wang, P. H. Hofschneider

Group B Erythrocytes Enzymatically Converted to Group O Survive Normally in
A, B, and O Individuals: J. Goldstein et al. .......................... 168

Luteal Phase Defects Induced by an Agonist of Luteinizing Hormone-Releasing
Factor: A Model for Fertility Control: K. L. Sheehan, R. F. Casper,
S. S. C. Yen ................................................................. 170

Actin Distribution Patterns in the Mouse Neural Tube During Neurulation:
T. W. Sadler et al. .............................................................. 172

Wound Tissue Can Utilize a Polymeric Template to Synthesize a Functional
Extension of Skin: I. V. Yannas et al. ................................. 174

Tumor Metastasis Is Not Due to Adaptation of Cells to a New Organ
Environment: G. L. Nicolson and S. E. Custead ..................... 176

Stereoisomers of N-allylnormetazocine: Phencyclidine-Like Behavioral Effects
in Squirrel Monkeys and Rats: K. T. Brady, R. L. Balster, E. L. May ..... 178

Specific Chromosome Defect Associated with Human Small-Cell Lung Cancer:
Deletion 3p(14-23): J. Whang-Peng et al. .......................... 181

Is the Acetylcholine Receptor a Rabies Virus Receptor?: T. L. Lentz et al. .... 182

Insulin Stimulates the Phosphorylation of the 95,000-Dalton Subunit of Its
Own Receptor: M. Kasuga, F. A. Karlsson, C. R. Kahn ............. 185

Origin of the Cholecystokinin-Containing Fibers in the Rat Caudatoputamen:
D. K. Meyer et al. .............................................................. 187

Substance P Analog, DiMe-C7: Evidence for Stability in Rat Brain and
Prolonged Central Actions: A. S. Eison et al. ......................... 188

Reduced Sympathetic Nervous System Responsivity Associated with the
Relaxation Response: J. W. Hoffman et al. .......................... 190

Integrating Visual Information from Successive Fixations: J. Jonides,
D. E. Irwin, S. Yantis ....................................................... 192

How Do We Avoid Confounding the Direction We Are Looking and the Direction
We Are Moving?: D. Regan and K. J. Beverley ..................... 194

Technical Comments: Nonsmokers and Cigarette Smoke: A Modified Perception
of Risk: F. G. Bock; J. L. Repace and A. H. Lowrey ............... 197

PRODUCTS AND
MATERIALS

Radioimmunoassay Counter; Thin-Layer Chromatography Spotter;
Electrophoresis Separation System; Human T-Cell Growth Factor;
Preparative System for Fast Chemical Reactions; DNA Sequencing
Vectors; Hematology Analyzer; Literature ................................ 198

Cover

Devil's paintbrush or orange hawkweed (Hieracium aurantiacum L.).
Originally from alpine and northern Europe, this ornamental composite was
imported for gardens. It has invaded meadows and pastures in northeastern
North America and northern Japan, where it spreads by wind-borne seeds
and runners. The ecology and natural enemies of this weed are being investi-
gated. The syrphid fly shown here benefits from floral nectar, but the apo-
mictic flowers do not require pollination to set seeds. See page 134. [S. W.
T. Batra, U.S. Department of Agriculture, Beltsville, Maryland 20705]