

tent to handle their own affairs. Yonabourg is transformed into simple structures, numerical tables, surfaces of accessibility, transversed for its gradients, constrained by one-way systems, called to the center by day, pushed to the periphery by night, gridded, weighed, measured, and otherwise massaged in something close to a prurient manner — is that 'attractivité nocturne' really just the Maison de la Culture? Finally, the poor little village is subject to an invasion of mice during one especially warm winter favoring their reproduction, an invasion fought desperately by the inhabitants of Yonabourg with barriers of cats! Along the way, we learn a lot about planar graphs, potential models, spatial constraints, gravity calculations, least-cost paths, diffusion simulation, predator-prey models, Markov chains, and even what happens to a central place under fractal disintegration. In animated, perhaps interactive form, we could actually change a barrier (stay there Minou!), or a one-way street, and see what happens to the invisible landscapes of probability and accessibility overlying the town. If this does not open the eyes of readers to new ways of seeing and thinking, I do not know what will. Unless, of course, we could put *Carto-graphies* into the VCR and play it.

Hm?

LIST OF MAPPING VIDEOS

Mark MacLennan of the Department of Geography at SUNY-Buffalo has compiled a list of video tapes about GIS, LIS, map-making, surveying and visualization. The list of twenty-seven tapes provides information on the title, format, length, date, sources, and subject description. The list is published in the *Newsletter* (16:2) of the Canadian Cartographic Association.

GESTURES FOR JARGON

Hand Signs for Technical Terms Used in Thematic and Topographic Mapping evolved from needs of hearing impaired employees at the Rocky Mountain Mapping Center, USGS. Co-authors Richard Will and William E. Krohn recognized the need for more accurate communication than possible in standard sign language and developed a book to show workable signs for the mapping industry. Single copies are free from the USGS, Books and Open-File Section, Box 25425, Denver, CO 80225.

Geotimes, November 1990

Rockwell, Ken (1990)
Privatization of U.S. Geological Survey Topographic Maps: A Survey. Government Publications Review, May/June 1990, pp. 199-211.

Abstract: Topographic mapping is a long-established government activity. Libraries have been receiving maps from the United States Geological Survey for over 90 years; recently this and other map depository arrangements with federal mapping agencies have been consolidated into the Government Printing Office's library depository program. This long relationship could be jeopardized by an Interior Department proposal to privatize the mapmaking activities of the U.S. Geological Survey. This proposal is consistent with the philosophy prevailing during the Reagan administration that government should not compete with the private sector in the provision of products and services, including the publication of government information. Just as the cutback in government publications has negatively affected depository libraries in general, so the transfer of topographic mapping to private concerns could lead to the end of

the depository arrangement, higher prices, copyright restrictions on users, with spotty coverage of areas and uncertain revision of maps due to variable demand.

EOSAT PUBLISHES TM BAND COMBINATION POSTER

A new poster created by EOSAT describes in words and images the technical capabilities and practical applications of Landsat Thematic Mapper data. On one side, the TM poster features color images of Charleston, SC, to illustrate the differences in applications of various TM band combinations. The reverse side uses graphs and charts to describe some fundamental aspects of multispectral remote sensing and how the Thematic Mapper sensor acquires imagery. EOSAT is distributing the TM Band Combination Poster at no charge. Contact your regional sales representative or call EOSAT Customer Services at (301) 552-0537 or (800) 344-9933. *Landsat World Update* 3:8 August 1990

new maps

WORLD. Earth by night. Salt Lake City: Hansen Planetarium, 1990. \$7.50. Hansen Planetarium, 1098 South 200 West, Salt Lake City, UT 84101.

WORLD. Economy of the World. Chicago: George F. Cram Co., 1990. \$270. For more information, call 800-227-4199.

WORLD. Ecoregions of the continents. Washington: U.S. Forest Service, 1989. Scale 1:30,000,000. Supplement to *Environmental Conservation*, vol. 16, no. 4, Winter 1989. For copies, write to Robert Bailey, U.S. Forest

Service, 2825 E. Mulberry St., Fort Collins, CO 80524.

NORTH AMERICA. Crude oil pipelines of the United States and Canada. Tulsa: PennWell, 1989. Scale 1:3,600,000. \$105.

CANADA. Environment in peril map. Vanier, Ont.: Canadian Geographic, 1989. Supplement to the December 1989/January 1990 issue of Canadian Geographic. \$8.50. Canadian Geographic Products, 39 McArthur Avenue, Vanier, Ont., Canada, K1L 8L7.

CANADA. Map of Canada's eastern continental shelf. Vanier, Ont.: Canadian Geographic, 1989. Supplement to the June/July 1989 issue.

UNITED STATES. Forest industries mill map. Gilroy, CA: Freeman Publications, 1990. \$48.

UNITED STATES. United States satellite view. National Atlas sheet. Reston, VA.: U.S. Geological Survey, 1990. Scale 1:7,500,000. \$3.10. Maps on both sides: the image of the conterminous U.S. and the reverse side highlights twenty-four major areas in the United States.

UNITED STATES. Average annual runoff in the United States, 1951-1980. Hydrologic Investigations Atlas HA-70. Reston, VA: U.S. Geological Survey, 1987, repr. 1989. Scale 1:7,500,000.

UNITED STATES — SOUTHWEST. Experimental digital shaded relief maps of southwestern United States. Miscellaneous Investigations Series, Map I-1850. Reston, VA: U.S. Geological Survey, 1990. Scale 1:2,000,000. 2 maps: sheet 1, digital shaded relief with color-coded elevations; sheet 2, digital shaded relief. Maps are available for the following states: Arizona I-1821, Wyoming I-1846,

Utah I-1847, Nevada I-1849, and California I-1848.

MASSACHUSETTS. A physiographic map of Massachusetts. Chelsea, VT.: John F. Berthelsen, 1990. Scale 1:380,160. \$15. John F. Berthelsen, HCR, Box 12 A, Chelsea, VT. 05038.

PENNSYLVANIA. SEPTA'S Philadelphia street and transit map. Philadelphia: Southeastern Pennsylvania Transportation Authority, 1990. \$3.00. SEPTA, 200 West Wyoming Avenue, Philadelphia, PA 19140.

EUROPE. The European Community: a community with no internal frontiers, deadline 1992. Brussels: Office for Official Publications of the European Communities, 1990. Scale 1:8,000,000.

EUROPE. North Sea map. Tulsa: PennWell, 1990. Scale 1:1,000,000. \$99.95.

SOVIET UNION. Ethnicity and political boundaries in the Soviet Union. Washington: Office of the Geographer, 1989. Scale ca. 1:20,000,000. Supplement to Geographic Notes, no. 12, June 1990.

SOVIET UNION. Soviet pipeline map. London, Ont.: Department of Geography, University of Western Ontario, 1989. \$27.00. Milford Green, Department of Geography, Social Science Center, University of Western Ontario, London, Ont., Canada N6A 5C2.

SOVIET UNION. Soviet Union. Washington: National Geographic Society, 1990. Scale 1:10,140,000.

MIDDLE EAST. Middle East area: oil and gas. Washington: U.S. Central Intelligence Agency, 1990. Scale 1:4,500,000. SuDoc No. PrEx 3.10/4:M84/17.

MIDDLE EAST. Middle East oil and gas. Tulsa: PennWell, 1989. Scale 1:4,500,000. \$85.

ISRAEL. Geological photomap of Israel and adjacent areas. Jerusalem: Geological Survey of Israel, 1990. Scale 1:750,000. \$20. Geological Survey of Israel, 30 Malkhel Israel St., Jerusalem 95501, Israel.

PACIFIC OCEAN. Natural hazards map of the Circum-Pacific region. Circum-Pacific Series, CP-35. Reston, VA.: U.S. Geological Survey, 1990. Scale 1:17,000,000.

PACIFIC OCEAN. Pacific island nations and their 200 mile exclusive economic zones. Honolulu: Department of Business and Economic Development, 1990. Free from the State of Hawaii, Department of Business and Economic Development, P.O. Box 2359, Honolulu, HI 96804.

new atlases

AA 3 mile map series. London: AA Publishing, 1990. Seven volumes; each £2.95. Series includes the following titles: Scotland and borders, northern Scotland, Southwest, Midlands, Southeast and East Anglia, and Wales.

Asante, Molefi and Mark Mattson. *Historical and Cultural Atlas of African Americans.* New York: MacMillan Publishing Co., 1990. pp192; ISBN 0-02-897021-7. \$90.

Atlas of the People's Republic of China. Foreign Language Press, 1989. pp122; \$49.50. Distributed by China Cultural Center, P.O. Box 221658, Sacramento, CA 95822.

Baker, Felix. *The History of London in Maps.* London: Barrie