

resources, however, to assist those with backgrounds different than their own. Included in the bibliography, for example, is Post's *Atlas of Fantasy* (1979), which is suggestive of the ways English teachers might adapt the project. In fact, as Roselle and Deller indicate, the project lends itself to an interdisciplinary approach. The actual configuration can be molded by your imagination.

Horne, Mike; Roberts, Jonathan and Rose, Douglas (1986, 87). Getting there: an assessment of London Transport's endeavour to improve bus passenger information literature for central London, 1979-1985. *Information Design Journal* 5:1, 2.

Abstract: "This paper discusses the problems of putting across information about bus travel in London. In Part 1 the authors describe the basic needs of bus users,

**The new
Central London Bus Map.
So simple a
child could read it.**



referring to the development of the conventional bus map over recent years. The steps by which various redesigns were proposed and tested are recounted, leading to a proposal by Roger Graef and Andrew Holmes for a radical rethink of the whole concept of bus route cartography. The development of a new bus map for central London, launched in 1981, is described in detail. In Part 2, reactions to the new map are described and the new design is analyzed, with an examination of cartographic problems such as complex routing, road naming, railway station location and one-way streets."

cartographic artifacts

HISTORICAL ATLAS GIVEAWAY

Thirty-five thousand schools across the country will receive a free edition of the Society's new *Historical Atlas of the United States* this year. The value of this gift to the nation's students is approximately one million dollars.

This cartographic guide to the discovery, exploration, and growth of the United States contains more than six hundred antique, period, specialized, and original maps, as well as hundreds of photographs, illustrations, charts, and graphs, many specially commissioned by the Society. (*NGS Update, fall 1988, no. 12*)

NASA OFFERS SHUTTLE PHOTOS

In the course of the first 24 space shuttle missions from April, 1981 to January, 1986, astronauts exposed over 32,000 hand-held photographs of earth. NASA's Space Shuttle Earth Observations Office has announced the availability of indexes and catalogs of these photographs. For a brochure describing the photo program, prices, availability and how and where to catalogs, write: EDC, Mail Code SN15, NASA JSC, Houston, TX 77258.

LITERATURE IN CARTOGRAPHY: 1988

The following is a progress report in cartography by Michael Blakemore entitled "Cartography and Geographic Information Systems" in *Progress in Human Geography* 12 (December 1988) 525-537. He writes that progress continues into 1988, with widening international horizons and an ever-growing literature. A total of 106 publications--books and journal articles--are cited. Four areas are

emphasized: research, commerce and government; history of cartography; digital mapping and GIS; storage and dissemination. Quoting: "That cartography is in a buoyant state in North America is indicated by the numbers of researchers being trained in the field. The set of essays in honor of George Jenks (Gilmartin, 1987) illustrates how one individual can have a considerable impact in the development of the discipline."

GEOGRAPHICAL ABSTRACTS

Geo Abstracts G: Remote Sensing, Photogrammetry and Cartography is no longer a separate publication. It has been incorporated into *Geographical Abstracts: Physical Geography*. This monthly abstracting publication will also include the following sections: landforms and the quaternary, climatology and hydrology, and sedimentology.

There appears to be two reasons for this change in arrangement. There is a need to increase the number of abstracts published in line with the continued expansion of available material; and, an investigation of subscription patterns revealed that the majority of subscribers have already subdivided the seven existing sections into two major sections of physical geography and human geography. Additional information can be obtained by writing to Elsevier/Geo Abstracts, Crown House, Linton Road, Barking, Essex IG11 8JU, United Kingdom.

new maps

WORLD. The European Community and the Third World: a network of cooperative agreements. Luxembourg: Office for Official Publications of the European Community, 1988.

WORLD. World base map. Reston, VA: U.S. Geological Survey, 1988. Scale 1:40,053,700. Van der Griten proj.

CANADA. Canada - electricity, 1987. (National Atlas of Canada, 5th Edition--MCR 4144). Ottawa: Geographical Services Division, Energy, Mines and Resources Canada, 1988. Scale 1:7,500,000.

CANADA. Canada - farm types. (National Atlas of Canada, 5th edition--MCR 4109). Ottawa: Geographical Services Division, Energy, Mines and Resources Canada, 1988. Scale 1:7,500,000.

CANADA. Canada - land capability for forestry. (National Atlas of Canada, 5th ed. -- MCR 4079). Ottawa: Geographical Services Division, Energy, Mines, and Resources Canada, 1988. Scale 1:7,500,000.

CANADA. Canada - native peoples, 1630. (National Atlas of Canada, 5th ed.--MCR 4054). Ottawa: Geographical Services Division, Energy, Mines and Resources Canada, 1988. Scale 1:7,500,000.

CANADA. Results of the 34th Federal election November 21, 1988. Ottawa: Geographical Services Division, Energy, Mines and Resources Canada, 1988. Scale 1:7,500,000.

CANADA. Canada - settlement patterns. (National Atlas of Canada, 5th ed. -- MCR 4132). Ottawa: Geographical Services Division, Energy, Mines and Resources Canada, 1988. Scale 1:7,500,000.

UNITED STATES. Landforms of the United States by Raisz. (Jigsaw puzzle). Oneonta, NY: Map Puzzles. One map includes two separate puzzles (each 551 pieces 18" by 24") of eastern U.S. and

western U.S. \$17.95 (Map Puzzles, 89 Elm Street, Oneonta, NY 13820).

UNITED STATES. Presidential elections: 1789-1984. (National Atlas of the United States sheet). Reston, VA: U.S. Geological Survey, 1988. \$3.10.

UNITED STATES. United States and world population. Wellesley, MA: World Eagle, Inc., 1989. Laminated. \$9.95.

ALASKA. Aleutians Map. Edmonds, WA: Alaska Northwest Books, 1988. \$3.95 (Alaska Northwest Books, 130 Second Avenue, South, Edmonds, WA 98020).

CALIFORNIA. Aerial view map of Los Angeles. Los Angeles: Space Shot, 1987. \$14.95.

GREAT BRITAIN. The Ordnance Survey inland waterways of Great Britain. London: Robert Nicholson Publications and the Ordnance Survey, 1985. £2.95.

new atlases

Access America: an Atlas and Guide to the National Parks for Visitors with Disabilities. Burlington, VT: Northern Cartographic, 1988. \$89.95.

Antheaume, Benoit. *Atlas des Iles et Etats du Pacifique.* Montpellier, France: G.I.P. Reclus, 1988. 182 F (G.I.P. Reclus, 17 rue Abbe de l'Epee, 3400 Montpellier, France).

An Atlas of Mortality in Scotland: Including the Geography of Selected Socio-economic Characteristics. London: Croom Helm, 1987. £65.

Atlas par Arrondissements. Paris: Pneu Michelin, 1989. \$11.95 (Michelin Travel Publications, P.O.

Box 3305, Spartanburg, SC 29304-3305).

Bunge, William. *The Nuclear War Atlas.* New York: Basil Blackwell, Inc., 1988.

Chaussade, Jean. *Atlas des Peches et Cultures Marine en France.* Montpellier, France: G.I.P. Reclus, 1988. 154 F.

Cliff, A.D. *Atlas of Disease Distribution.* New York: Basil Blackwell, Inc., 1988.

Ferras, Robert. *Atlas d'Espagne.* Montpellier, France: Fayard/Reclus, 1986. 95F.

Gentelle, Pierre. *Atlas de Chine.* Montpellier, France: Fayard/Reclus, 1987. 180F.

Griffin, T. (ed.). *Atlas of South Australia.* Adelaide: South Australian Government Printing Division and Wakefield Press, 1986. \$195.

Historical Atlas of the United States. Washington: National Geographic Society, 1988.

Jones, Barri. *The Blackwell Atlas of Roman Britain.* New York: Basil Blackwell, Inc., 1988.

Lack, P. *Atlas of Wintering Birds in Britain and Ireland.* Stoke-on-Trent: T.&A.T. Poyser, 1986. £19.

Mathieu, Daniel. *Atlas des Sports en France.* Montpellier, France: Fayard/Reclus, 1987. 140F.

Michelin's Road Atlas of Europe. Paris: Pneu Michelin, 1989. \$19.95.

National Atlas of Cuba. 2nd ed. Habana: Instituto de Geografia, 1989. \$225.

Sivin, Nathan (ed.). *Contemporary Atlas of China.* Boston: Houghton

Mifflin Co., 1988. \$39.95.

Socolofsky, Homer E. *Historical Atlas of Kansas*. 2nd ed. Norman: University of Oklahoma Press, 1988. \$24.95.

Stoddart, D.R. *A Biogeographical Atlas of Corals, Seagrasses and Mangroves*. New York: Basil Blackwell, Inc., 1989.

Tamsma, R. *The Netherlands in Fifty Maps*. Amsterdam: Koninklijk Nederlands Aardrijkskundig Genootschap, 1988.

Thery, Herve. *Atlas du Bresil*. Montpellier, France: Fayard/Reclus, 1986. 79F.

cartographic events

AWARDS CALENDAR

The following is a first attempt at a comprehensive listing of awards offered specifically to practitioners and students of cartography. Although it is offered a bit late to be useful in 1989, all of the awards are annual affairs, and dates noted here are likely to apply in 1990.

ACSM Annual Map Design Competition

The American Congress on Surveying and Mapping has designed this event to promote interest in map design and to recognize significant design advances in cartography. Categories: General (open to all mapmakers in the U.S. and Canada), R.R. Donnelley and Sons Co. (best student map design in a diploma/certificate program, best student map design in a degree granting program), National Geographic Society (best computer-assisted map designed by a student), Rand McNally & Co. (best student travel map, best student orientation map), Time, The Weekly Magazine (outstanding map design published in the media). All submissions should

be accompanied by a brief statement of design objectives. Entries must be received no later than **January 15**. Contact: Joseph W. Weidel, Department of Geography, University of Maryland, College Park, MD 20742.

National Geographic Scholarship

The Cartographic Specialty Group of the Association of American Geographers has announced its annual National Geographic Society Scholarship in Cartography. The Scholarship is open to juniors and seniors. Deadline for application is **February 10**. Contact Barbara Battenfield, Geography Department, SUNY Buffalo, Amherst, NY 14260.

Exemplary Systems in Government (ESIG) Competition

A Program of the Urban and Regional Information Systems Association (URISA). ESIG awards are given annually at URISA's international conference. The conference recognizes a variety of innovations including land records, natural resources, public works, administration, transportation, education and planning. Award categories include: Operations Automation: integrating an existing or automated systems into a combined systems; Corporate Systems: providing accessibility to comprehensive information throughout the organization; International: achievements by URISA's overseas members; Small Municipalities: recognition for jurisdiction having a population of 100,00 or fewer. Public officials wishing to nominate a system send a letter of intent by **March 1**. For further information contact URISA, 319 C St. S.E., Washington, D.C. 20003.

CCA President's Prize Competition

Sponsored by the Canadian Cartographic Association, this competition is open to students of

post-secondary institutions and to persons occupying junior positions in places of employment where maps are made or used. Categories: Monochrome Map (formal or journalistic style), Printed Map in Color (or taken to the proof stage), Best 'Journalistic' Map design (sponsored by Time Magazine), Computer Algorithm (specific to a cartographic problem). Entries should include a brief statement on the design objectives of the map or mapping problem. Submissions due **April 20**. Contact CCA, c/o Department of Geography, Memorial University of Newfoundland, St. John's Newfoundland A1B 3X9.

British Cartographic Society Awards

The Society presents five awards annually within various cartographic fields. Categories: British Cartographic Society Design Award (awarded for most outstanding map produced by a member of the Society; closing date **April 30**), John Bartholomew Award (for excellence in the field of small scale thematic cartography; closing date **April 30**), Laser Scan Award (for meritorious work by students of digital cartography; closing date **April 14**), The Keuffel and Esser Awards (for meritorious work by students of cartography; closing date **July 19**). Entry forms and further information can be obtained from Olive Pearson, 33 Swinburne Road, Abingdon, Oxon, OX14 2HG, England.

EVENTS CALENDAR

April 10-13: **AM/FM International Annual Conference XII**, New Orleans, LA. Contact: AM/FM International, Conference XII Desk, 8775 East Orchard Road, Suite 820, Englewood, CO 80111; (303) 770-8320, FAX: (303) 779-8343.