

* Recent Publications of Note Ruth Freitag

With this issue of the HAD Newsletter we begin an expanded section on recent publications of possible interest to the HAD. Specifically excluded (with some exceptions) are citations to the obvious serials (Journal for the History of Astronomy, Sky & Telescope, etc.,) that most HAD members are familiar with.

Ruth Freitag, HAD member and on the staff of the Library of Congress, has kindly agreed to provide this information for each issue of the Newsletter. The first installment is a bit larger than we contemplate adding in subsequent issues. Here she cleans up some backlog.

Books

- Arzumanjan, Ashot. Envoy of the stars (Academician Victor Ambartsumyan). Moscow, Progress, 1987. 231 p. illus., ports.
- Bennett, J. A. The divided circle: a history of instruments for astronomy, navigation, and surveying. Oxford, Phaidon Christie's, 1987. 224 p. (A Phaidon Christie's collectors monograph)
- Blumenberg, Hans. The genesis of the Copernican world. Translated by Robert M. Wallace. Cambridge, Mass., MIT Press, 1987. xviii, 772 p. (Studies in contemporary German social thought)
Translation of Die Genesis der kopernikanischen Welt.
- Field, Judith V. Kepler's geometrical cosmology. Chicago, University of Chicago Press, 1987. 256 p. illus.
- From deferent to equant: a volume of studies in the history of science in the ancient and medieval Near East in honor of E. S. Kennedy. Edited by David A. King and George Saliba. New York, New York Academy of Sciences, 1987. xxix, 569 p. illus., facsim., port. (Annals of the New York Academy of Sciences, v. 500)
- Galileo Galilei: toward a resolution of 350 years of debate, 1633-1983. Edited by Paul Cardinal Poupard; with epilogue by John Paul II. Translation by Ian Campbell. Pittsburgh, PA, Duquesne University Press, 1987. xxiii, 208 p. (Institute for World Concerns Series)
- History of oriental astronomy. Proceedings of an International Astronomical Union colloquium, no. 91, New Delhi, India, 13-16 November 1985. Edited by G. Swarup, A. K. Bag, K. S. Shukla. Cambridge, New York, Cambridge University Press, 1987. xviii, 288 p. illus.
- James, Mary Ann. Elites in conflict: the ante-bellum clash over the Dudley Observatory. New Brunswick, Rutgers University Press, 1987. xvii, 301 p. illus.
- Müller, Roland. Fritz Zwicky. Leben und Werk des grossen Schweizer Astrophysikers, Raketenforschers und Morphologen (1898-1974). Glarus, Verlag Baeschlin, 1986. 701 p. illus. (Schriftenreihe der Fritz-Zwicky-Stiftung, Bd. 3)
- Osterbrock, Donald E., John R. Gustafson, and W. J. Shiloh Unruh. Eye on the sky; Lick Observatory's first century. Berkeley, University of California Press, 1988. 308 p. illus.
- Redondi, Pietro. Galileo: heretic. Translated by Raymond Rosenthal. Princeton, N.J., Princeton University Press, 1987. 356 p. plates (part col.)
Translation of Galileo eretico.
- Wright, Helen. James Lick's monument; the saga of Captain Richard Floyd and the building of the Lick Observatory. Cambridge, New York, Cambridge University Press, 1987. xvi, 231 p. illus., ports.
- Wayman, Patrick A., Dunsink Observatory, 1785 - 1985: A Bicentennial History (Dublin Institute for Advanced Studies and Royal Dublin Society, 1987)

Articles

- Aveni, Anthony F. Some parallels in the development of Maya and Roman calendars. *Interciencia*, v. 12, May/June 1987: 108-115. illus.
- Balzer, W., and F. R. Wollmershäuser. Chains of measurement in Roemer's determination of the velocity of light. *Erkenntnis*, v. 25, Nov. 1986: 323-344. illus.
- Brachner, Alto. Die Sternwarte Münchens. *Sterne und Weltraum*, 27. Jahrg., Jan.-Feb. 1988: 27-31, 80-85. illus., facsim., maps, ports.
From the 18th century until today.
- Brunner-Bosshard, William. Sonnenfinsternisse auf prähistorischen Kultplätzen durch Felsritzungen dokumentiert. *Orion*, 45. Jahrg., Aug. 1987: 132-135. illus.
- Carton, Wil. Oppolzers meesterwerk 100 jaar oud: Canon der Verduisteringen. *Zenit*, 14. jaarg., nov. 1987: 348-355. illus. (part col.)
- Dávila S., Hugo M., Luis Espín P., and V. A. Úřevich. Posible significación astronómica de las pirámides de Cochasquí. In *Observatorio Astronómico de Quito*. *Boletín*, abr. 1986: 5-16. illus.
- Dekker, E. Early explorations of the southern celestial sky. *Annals of science*, v. 44, Sept. 1987: 439-470. illus.
Investigates "the astronomical exploration of the southern celestial sky by Dutch navigators at the end of the sixteenth century."
- Du, Shengyun. A prehistoric astronomical site at Ju County, Shandong. *Kexue tongbao*, v. 32, Oct. 1987: 1339-1341. illus.
- Gingerich, Owen. The mysterious nebulae, 1610-1924. In *Royal Astronomical Society of Canada*. *Journal*, v. 81, Aug. 1987: 113-127. facsim., port.
"Revised text of the first Helen Sawyer Hogg lecture, delivered during a meeting of the Canadian Astronomical Society, in Toronto, on May 28, 1985."
- Glenn, William H. The modern astronomy of ancient observatories: a practical survey. *Science teacher*, v. 54, Apr. 1987: 20-28. illus.
Includes suggestions for student activities.
- Gordon, Robert B. Sixteenth-century metalworking technology used in the manufacture of two German astrolabes. *Annals of science*, v. 44, Jan. 1987: 71-84. illus.
- Hartl, Gerhard. Der Refraktor der Sternwarte Pulkowa, eine traurige Geschichte. *Sterne und Weltraum*, 26. Jahrg., Juli/Aug. 1987: 397-404. illus., plans, ports.
- Hertzog, Keith P. Ancient stellar anomalies. In *Royal Astronomical Society*. *Quarterly journal*, v. 28, Mar. 1987: 27-29.
- Hitz, Hans R., Heinz Schilt, Walter Knaus, and Horst Jäger. Archaeo-Astronomische Betrachtungen zur Fundstelle Glozel in Frankreich. Il y a de l'archéo-astronomie au site préhistorique de Glozel. *Orion*, 45. Jahrg., Dez. 1987: 228-231. illus., map.
German and French.
- Hoffleit, Dorrit. The earliest infrared light curves. In *American Association of Variable Star Observers*. *Journal*, v. 16, no. 1, 1987: 29-33. illus.
- Hon, Giora. On Kepler's awareness of the problem of experimental error. *Annals of science*, v. 44, Nov. 1987: 545-591. illus.
- Huang, Y.-L., and Gerald H. Moriarty-Schieven. A revisit to the guest star of A.D. 185. *Science*, v. 235, Jan. 2, 1987: 59-60. illus.
- Karetzky, Patricia E. The engraved designs on the late sixth century sarcophagus of Li Ho. *Aribus Asiae*, v. 47, pt. 2, 1986: 81-106. plates.
Among the decorations are elaborate "designs of Taoist cosmological themes."
- Liu, Xie-lin. Statistical analysis of Chinese historical records of fireballs. *Chinese astronomy and astrophysics*, v. 11, Dec. 1987: 312-319.
- McCrea, Sir William H. Clustering of astronomers. In *Annual review of astronomy and astrophysics*. v. 25; 1987. Palo Alto, Calif., *Annual Reviews*. p. 1-22.
"This paper is the attempt of an astronomer to describe and discuss some clusters of astronomers that he has been able to observe in his own experience."
- Malewicz, Malgorzata Hanna. Répertoire des notices astronomiques et astrologiques contenues dans le "Recueil des historiens des croisades." *Studia mediawistyczne*, v. 24, pt. 2, 1986: 149-179.
- Malewicz, Malgorzata Hanna. Astronomical phenomena in Central and East-European medieval narrative sources. In *Organon*. no. 18/19; 1982/83. Warszawa, Panstwowe Wydawn. Naukowe, 1986. p. 91-103.
- Morrison, Leslie V., F. Richard Stephenson, and John Parkinson. Diameter of the sun in AD 1715. *Nature*, v. 331, Feb. 4, 1988: 421-423.
- Ophalvens, Marie-Thérèse van. Het oude Mexico: paradijs voor archeo-astronomen. *Zenit*, 14. jaarg., juni 1987: 196-205. illus. (part col.)
- Orchiston, Wayne. Contribution of the Lands Department to the development of astronomy in New South Wales during the nineteenth century. *Australian journal of astronomy*, v. 2, Oct. 1987: 65-74.
- Orchiston, Wayne. Dr. William Bone, and the role of the amateur observatory in Australian astronomy. *Southern stars*, v. 32, Sept. 1987: 111-127.

- Proverbio, E., and L. Fadda. Menhir e sistemi di menhir in Sardegna di probabile interesse astroarcheologico. *Giornale di astronomia*, v. 12, dic. 1986: 14-23. illus. (part col.)
- Romano, Giuliano. Stelle e comete nella astronomia precolombiana. *Coelum*, v. 54, magg./giugno 1986: 113-126. illus. (part col.)
- Rüdiger, Gunther. Zwischen Himmel und Erde; ein sächsischer Komet. *Sterne und Weltraum*, 26. Jahrg., Sept. 1987: 470-473. illus., ports.
About Johann Georg Palitzsch.
- Savoie, Denis. La date de l'équinoxe et le concile de Nicée. *L'Astronomie*, v. 102, fév. 1988: 40-41.
- Schmitz, Peter. Die Ahlhorner Heide--ein frühes GROSSOBSERVATORIUM? *Sterne und Weltraum*, 26. Jahrg., Okt. 1987: 576-579. illus. (part col.)
- Šerban, Andrei R. Johann Gottfried Galle. *Sterne und Weltraum*, 26. Jahrg., Juni 1987: 318-322. illus., facsim., port.
- Shuntarō, Itō. The introduction of western cosmology to Japan in the seventeenth century. *The East*, v. 23, Aug. 1987: 53-60. illus.
On the work of Christovão Ferreira, said to be "the first person to systematically transmit to the Japanese Western astronomy, physics, and medicine."
- Sokolovskaja, E. K. Prioritet V. Ā. Struve v opredelenii zvezdnykh paralaksov. In *Astronomicheskii kalendar'*. no. 90; 1987. Moskva, "Nauka," 1986. p. 211-220.
- Stephenson, F. Richard, and Kevin K. C. Yau. Four Korean 'guest stars' observed in AD 1592. In *Royal Astronomical Society. Quarterly journal*, v. 28, Dec. 1987: 431-444. illus.
- Taton, René. Sur la "comète de Halley" et son "retour" en 1986. *Revue d'histoire des sciences*, t. 39, oct./déc. 1986: 289-300.
- Thronson, Harley A. The distribution of astronomical research among the United States over the past half century. In *Astronomical Society of the Pacific. Publications*, v. 99, Nov. 1987: 1209-1213.
- Trefil, James. From astronomy to astrophysics. *Wilson quarterly*, v. 11, summer 1987: 59-63. illus.
- Wang, Zhen-ru. Two gamma ray sources and ancient guest stars. *Science*, v. 235, Mar. 20, 1987: 1485-1486. illus.
- Welu, James. Vermeer's *Astronomer*: observations on an open book. *Art bulletin*, v. 68, June 1986: 263-267. illus.
Identifies the book in the painting as *Institutiones Astronomicae & Geographicae*, by Adriaen Metius.
- West, Richard M. Of whirls and molten gold: an introduction to Fontenelle's "Entretiens" (1686). In *European Southern Observatory. Messenger*, no. 50, Dec. 1987: 40-43. facsim., port.
- Williams, Mari E. W. Astronomy in London: 1860-1900. In *Royal Astronomical Society. Quarterly journal*, v. 28, Mar. 1987: 10-26.
- Whitney, Charles A. The skies of Vincent van Gogh. *Art history*, v. 9, Sept. 1986: 351-362. illus.
- Wright, D. C. Uranus in antiquity. In *Royal Astronomical Society. Quarterly journal*, v. 28, Mar. 1987: 79-80.
- Rood, Herbert J. "The Remarkable Extragalactic Research of Eric Holmberg," *PASP* 99 (1987), pp. 921 - 951.
- Osterbrock, D. E., and P. K. Seidelmann, "Paul Herget 1908 - 1981," *Biographical Memoirs of the National Academy of Sciences* 57 (1987), 59 -86.