

RECENT PUBLICATIONS RELATING TO THE HISTORY OF ASTRONOMY

Books, Pamphlets, and Special Issues of Periodicals

The Ancient skies and sky watchers of Cahokia: woodhenges, eclipses, and Cahokian cosmology. Melvin L. Fowler, editor. Milwaukee, Wisconsin Archeological Society, 1996. 158 p. illus., maps, plans, ports. (The Wisconsin archeologist, v. 77, no. 3/4)

Contents: Fowler, M. L. Preface and acknowledgements.—ch. 1. Fowler, M. L. Introduction.—ch. 2. Krupp, E. C. Eclipse over Cahokia.—ch. 3. Wittry, W. L. Discovering and interpreting the Cahokia woodhenges.—ch. 4. Fowler, M. L. The Mound 72 and Woodhenge 72 area of Cahokia.—ch. 5. Krupp, E. C. How much sun can a woodhenge catch?—ch. 6. Pauketat, T. R. The place of post-circle monuments in Cahokian political history.—ch. 7. Rolingon, M. A. Elements of community design at Cahokia.—ch. 8. Kelly, J. E. Redefining Cahokia: principles and elements of community organization.—ch. 9. Hall, R. L. American Indian worlds, world quarters, world centers, and their shrines.—ch. 10. Gartner, W. G. Archaeoastronomy as sacred geography.—ch. 11. Fowler, M. L., and E. C. Krupp. Sky watchers, sacred space, cosmology and community organization at ancient Cahokia.

Aristotle. On the heavens. I and II. Edited and translated by Stuart Leggett. Warminster, Aris & Phillips, 1995. 273 p. illus.
Greek and English on facing pages.

Armitage, Geoff. The shadow of the moon. British solar eclipse mapping in the eighteenth century. Tring, Herts, Map Collector Publications, 1997. 46 p. illus. (part col.), maps.

Bezza, Giuseppe. Commento al primo libro della Tetrabiblos di Claudio Tolomeo. Con una nuova traduzione e le interpretazioni dei maggiori commentatori. Milano, Nuovi orizzonti, 1990. xxxiii, 451 p. illus.

Bion, Nicholas. The construction and principal uses of mathematical instruments. Translated from the French of M. Bion, chief instrument maker to the French king, by Edmund Stone. Including thirty folio illustrations of the several instruments. To which he has added a supplement containing a further account of some of the most useful mathematical instruments as now improved. Mendham, N.J., Astragal Press, 1995. 325 p., [26] leaves and [4] p. of illus.

Reprint, with a new foreword, of the 2d ed., published in London by J. Richardson in 1758.

See particularly Books VI-VIII, describing the construction and uses of astronomical instruments, instruments for navigation, and sundials (p. 149-255). These are followed by "The Use of the Sector in the Construction of Solar Eclipses" (p. 258-264) and Stone's supplement (p. 265-325), which includes discussion of quadrants, octants, and refracting and reflecting telescopes. Several pages are also given to an account of telescopic discoveries.

Burggraaf, Pieter. Harqua Hala letters. The story of Arizona's forgotten 1920's Smithsonian Institution Observatory. Phoenix, Ariz., Arizona State Office of the Bureau of Land Management, 1996. 242 p. illus. (Cultural resources series, monograph no. 9)

In his introduction Henry L. Giclas of the Lowell Observatory calls this work "a unique story of the lives of about a dozen people associated with making observations of the sun's radiant energy every clear day possible for a period of over five years in the early 1920s" from "an isolated mountain peak in the southern Arizona desert."

Buridan, Jean. Ioannis Buridani Expositio et quæstiones in Aristotelis *De cœlo*. Louvain-la-Neuve, Éditions de l'Institut supérieur de philosophie; Louvain, Éditions Peeters, 1996. 196*, 602 p. illus. (Philosophes médiévaux, t. 33)

Text in Latin with introduction in French.

Celnikier, Ludwik M. *Histoire de l'astronomie occidentale*. 2. éd., rev. et actualisée. Paris, New York, TEC-DOC, 1996. 383 p. illus. (Petite collection d'histoire des sciences)
 "Tableau chronologique": p. 334–357.

Congresso nazionale di storia della fisica e dell'astronomia, 16th, Como, 1996. Atti del XVI Congresso nazionale di storia della fisica e dell'astronomia, Centro Volta, Villa Olmo, Como, 24–25 maggio 1996. A cura di Pasquale Tucci. Como, Gruppo di lavoro per le celebrazioni voltiane, 1997. 715 p. illus., facsimis.

Partial contents: Kragh, H. On the history and philosophy of twentieth-century cosmology.—Balestrieri, R. Un progetto per la storia dell'astronomia in Liguria.—Banfi, V. La formula dell'avanzo relativistico del perielio planetario dedotta da Jean Chazy.—Baroni, S. Non sono molte le comete italiane: per 23 astri solo nove i connazionali scopritori.—Baroni, S., and V. M. Zanotta. Sarà Hale-Bopp la quattordicesima "stella chiomata" visibile in pieno giorno? Cronologia delle comete più spettacolari.—Bonoli, F., M. Calisi, and P. Ranfagni. Classification criteria for historical astronomical instrumentation.—Broglia, P., and E. Proverbio. Strumenti di osservazione astronomica in uso alla Specola di Brera in Milano di cui si ha documentazione storica.—Calisi, M. Le origini della fotografia astronomica.—Chinnici, I. La Società degli spettroscopisti italiani e la fondazione dell'"Astrophysical Journal" nelle lettere di G. E. Hale a P. Tacchini.—Codebò, M. Uso della bussola in archeoastronomia.—Cossard, G. Significato astronomico delle incisioni a spirale.—Gigli, R. Galileo e i calcoli sulla nova del 1572. Un'anticipazione della legge di Gauss nel Dialogo sui Massimi Sistemi.—Scalera, G. Un musicista scienziato a cavallo tra '800 e '900: Roberto Mantovani e la teoria della dilatazione planetaria.

Cosmología: en torno a Galileo, 1993. F. González de Posada (editor). Madrid, Amigos de la Cultura Científica, 1993. 115 p. (Amigos de la Cultura Científica, 3)

Contents: 1. González de Posada, F. El cosmos en la perspectiva del siglo XVI. Los albores de la modernidad: Copérnico, Brahe, Bruno contra Aristóteles, Ptolomeo y la escolástica.—2. Sánchez Ron, J. M. Cosmologías galileana y kepleriana: hacia Newton.—3. Ferraz Fayos, A. El proceso a Galileo: ciencia y religión.—4. Maravall Casenoves, D. El legado de Galileo en la evolución de la física hasta hoy.—5. González de Posada, F. Reflexiones en torno a Galileo desde la actualidad: física, filosofía y religión.

Depuydt, Leo. *Civil calendar and lunar calendar in ancient Egypt*. Leuven, Peeters, Departement Oosterse Studies, 1997. xiv, 272 p. illus. (Orientalia Lovaniensia analecta, 77)

Elkhadem, Hosam. *La cartographie céleste dans l'astronomie arabe*. Bruxelles, Université libre de Bruxelles, Centre de documentation pédagogique, 1997. 26 p. illus. (Les Cahiers du CEDOP) (Série Histoire des sciences et de la civilisation arabes)

Engel, Johann. *Astrolabio plano con las tablas del ascendente*: contiene todas las horas y minutos, las ecuaciones de las casas del cielo, la permanencia del concebido en el útero materno, con un tratado sobre las natividades útil y bello, sin olvidar las horas desiguales en los diversos climas del mundo. (Venecia, Juan Emerico de Spira, el 9 de junio de 1494.) Traducción: Mariano Gracia Moros. Responsable de la edición, corrección y notas: Juan Francisco Esteban Lorente. Zaragoza, iberCaja, 1995. 224 p. illus., facsimis.

Spanish translation of his *Astrolabium in Tabulis Ascendens*.

Erbrich, Paul. *Makrokosmos—Mikrokosmos. Ursprung, Entwicklung und Probleme der Physik*. Stuttgart, W. Kohlhammer, 1996. 208 p. illus. (Kon-Texte, 4)
 Astronomy and cosmology are emphasized.

Euler, Leonhard. *Commentationes mechanicae et astronomicae ad physicam cosmicam pertinentes*. Edidit Eric J. Aiton. Appendicem addidit Andreas Kleinert. Auctoritate et impensis Academiae Scientiarum Naturalium Helveticae. Baselae, Birkhauser Basileae, 1996. ci, 378 p. illus., facsimis. (*His Opera omnia*. Ser. 2. *Opera mechanica et astronomica*, v. 31)

The introduction (p. ix-xxxvi), in English, is followed by Kleinert's "Kommentar zu einer Schrift Eulers über die Schwerkraft" (p. bxxvii-cciii).

Flamsteed's stars: new perspectives on the life and work of the first Astronomer Royal (1646–1719). Edited by Frances Willmoth. Woodbridge, Suffolk, Rochester, NY, Boydell Press in association with the National Maritime Museum, 1997. xiv, 271 p. illus., facsimis., ports.

Contents: Ormond, R. Foreword.—Introduction: the King's 'astronomical observator.'—Bennett, J. A. Flamsteed's career in astronomy: nobility, morality and public utility.—Feingold, M. Astronomy and strife: John Flamsteed and the Royal Society.—Willmoth, F. Models for the practice of astronomy: Flamsteed, Horrocks and Tycho.—Johns, A. Flamsteed's optics and the identity of the astronomical observer.—Higton, H. Equipping an observatory: Flamsteed and Molyneux discuss an astronomical quadrant.—Iliffe, R. Mathematical characters: Flamsteed and Christ's Hospital Royal Mathematical School.—Stewart, I. G. 'Professor' John Flamsteed.—Cook, Sir A. H. Edmond Halley and John Flamsteed at the Royal Observatory.—Gingerich, O. A unique copy of Flamsteed's *Historia Cœlestis* (1712).—Ashworth, W. J. 'Labour harder than thrashing': John Flamsteed, property and intellectual labour in nineteenth-century England.—Perkins, A. The Flamsteed papers in the Archives of the Royal Greenwich Observatory.—Willmoth, F. A summary catalogue of Flamsteed's papers in the Royal Greenwich Observatory Archives.

From Bagdad to Barcelona: studies in the Islamic exact sciences in honour of Prof. Juan Vernet. De Bagdad a Barcelona: estudios sobre historia de las ciencias exactas en el mundo islámico en honor del Prof. Juan Vernet. Edición preparada por Josep Casulleras y Julio Samsó. Barcelona, Instituto "Millas Vallicrosa" de Historia de la Ciencia Árabe, 1996. 2. v. (827 p.) illus., map, group ports. (Universitat de Barcelona. Anuari de filologia, 19, B-2)

Includes texts in Arabic.

Contents: v. 1. Presentación.—Lista de colaboradores.—Bibliografía complementaria de Juan Vernet.—General. Saliba, G. Arabic science and the Greek legacy. Pingree, D. Indian astronomy in medieval Spain.—Matemáticas. Lorch, R. P. Maslama al Majriji and Thābit's *al-Shakl al-Qatṭā'*. Hogendijk, J. P. Al-Mu'taman's simplified lemmas for solving "Alhazen's problem." Sesiano, J. *L'Abrégé enseignant la disposition harmonieuse des nombres*, un manuscrit arabe anonyme sur la construction des carrés magiques.—Zījēs y tablas astronómicas. Mielgo, H. A method of analysis for mean motion astronomical tables. Goldstein, B. R. Lunar velocity in the Middle Ages: a comparative study. Dalen, B. van. Al-Khwārizmī's astronomical tables revisited: analysis of the equation of time. Viladrich, M. The *mumtahin* tradition in al-Andalus. Analysis of data from the *Calendar of Cordova* related to the entrance of the sun in the zodiacal signs. Ragep, F. J. Al-Battānī, cosmology, and the early history of trepidation in Islam. Mercier, R. Accession and recession: reconstruction of the parameters. Comes, M. The accession and recession theory in al-Andalus and the north of Africa. Abdulrahman, M. Ibn al-Hā'im's *zij* did have numerical tables [in Arabic, with abstract in English]. Mestres, A. Maghribi astronomy in the 13th century: a description of manuscript Hyderabad Andra Pradesh State Library 298. Castells, M. Una tabla de posiciones medias planetarias en el *zij* de Ibn Waqār (Toledo, ca. 1357). North, J. D. Just whose were the Alfonsine Tables? Chabás, J. Astronomía andalusí en Cataluña: las tablas de Barcelona.—v. 2. Astrología matemática. Kennedy, E. S. The astrological houses as defined by medieval Islamic astronomers. North, J. D. A reply to Prof. E. S. Kennedy. Samsó, J. "Al-Bīrūnī" in al-Andalus.—Instrumentos astronómicos. Casulleras, J. El último capítulo del *Kitāb al-asrār fi naṭā'i' al-afkār*. Kunitzsch, P., and E. Dekker. The stars on the rete of the so-called "Carolingian astrolabe." King, D. A., and K. Maier. The medieval Catalan astrolabe of the Society of Antiquaries, London. Sarma, S. R. The *Ṣafīha Zargāliyya* in India. Puig, R. On the eastern sources of Ibn al-Zarqāliūh's orthographic projection. Calvo, E. Ibn Bāṣo's astrolabe in the Maghrib and East.—Astronomía popular y miqāt. Forcada, M. A new Andalusian astronomical source from the fourth/tenth century: the *Mukhtasar min al-Anwā'* of Ahmad ibn Fāris. Rius, M. La orientación de las mezquitas según el *Kitāb dalā'il al-qibla* de al-Mattījī (s. XII).

Gehlhar, Fritz. Wie der Mensch seinen Kosmos schuf: eine kleine Kulturgeschichte der Astronomie. Berlin, Aufbau-Taschenbuch-Verlag, 1996. 202 p. illus. (AtV 8018)

Gleiser, Marcelo. *The dancing universe: from creation myths to the big bang*. New York, Dutton, 1997. 338 p. illus., group port.

Contents: pt. 1. Beginnings. 1. Creation myths. 2. The Greeks.—pt. 2. The awakening. 3. The sun, the Church, and the new astronomy. 4. The pious heretic. 5. The triumph of reason.—pt. 3. The classical era. 6. The world is an intricate machine.—pt. 4. Modern times. 7. Of things fast. 8. Of things small.—pt. 5. Modeling the universe. 9. Inventing universes. 10. Beginnings.—Epilogue: Dancing with the universe.

Grosseteste, Robert. *On the six days of creation. A translation of the Hexaëmeron by C. F. J. Martin*. Oxford, Published for the British Academy by Oxford University Press, 1996. 373 p.

See part 5 (p. 159–186) on the creation of the luminaries on the fourth day, as recorded in the first chapter of Genesis.

Haffner, Mechthild. *Ein antiker Sternbilderzyklus und seine Tradierung in Handschriften vom frühen Mittelalter bis zum Humanismus. Untersuchungen zu den Illustrationen der "Aratea" des Germanicus*. Hildesheim, New York, G. Olms, 1997. 256 p. illus., facsimis.

Heitzer, Elisabeth. *Das Bild des Kometen in der Kunst. Untersuchungen zur ikonographischen und ikonologischen Tradition des Kometenmotivs in der Kunst vom 14. bis zum 18. Jahrhundert*. Berlin, Gebr. Mann, 1995. 305 p., [35] p. of plates. illus., facsimis. (Studien zur profanen Ikonographie, Bd. 4)

Himmliches Räderwerk: die astronomische Kunstuhr Frater Cajetanos (1726–1796). 212. Sonderausstellung, 9. Mai bis 29. September 1996. Historisches Museum der Stadt Wien; Uhrenmuseum der Stadt Wien. Katalog: Sylvia Mattl-Wurm. Wien, Historisches Museum, 1996. 119 p. illus.

Jacob, James R. *The scientific revolution: aspirations and achievements, 1500–1700*. Atlantic Highlands, N.J., Humanities Press, 1998. xviii, 148 p. illus. (The Control of nature)

Contents: Introduction.—1. The classical legacy.—2. Cosmological renewal and corrosive doubt.—3. The new science.—4. Science in seventeenth-century France.—5. Science in seventeenth-century England.

Jacquart, Danièle, and Claude A. Thomasset. *Lexique de la langue scientifique (astrologie, mathématiques, médecine ...)*. Avec la collaboration de Sylvie Bazin-Tacchella, Jean-Patrice Boudet, Thérèse Charmasson, Joëlle Ducos, Hervé L'Huillier. Paris, Klincksieck, 1997. 313 p. (Matériaux pour le *Dictionnaire du moyen français* (DMF), 4)

Boudet and Charmasson contributed to the work on astronomical and astrological terms.

Jornadas Galileanas, Caracas, Universidad Simón Bolívar, 1993 octubre 28–30. Roma, 1994. 107 p. (Il Veltro, rivista della civiltà italiana, anno 38, genn./apr. 1994)

Contents: Le lingue del classico.—Manenti, A. Presentazione.—Cappelletti, V. Galilei y la razón científica.—Campa, R. La época de Galileo.—Vallota, A. D. Galileo: su tiempo y el nuestro.—Ferrín, I. La contribución de Galileo a la astronomía.—Lluberes D., P. Galileo y la matemátización de la naturaleza.—García Sánchez, F. J. Galileo en la automatización del cálculo.—Moutsopoulos, E. A. Galileo's revised trial critically reviewed. An epistemological and axiological approach.

Each of the seven essays is followed by abstracts in Italian and English.

Kennedy, Edward S. *Astronomy and astrology in the medieval Islamic world*. Aldershot, Hants, Brookfield, Vt., Ashgate, Variorum, 1998. [346], 5 p. illus., facsimis., port. (Variorum collected studies series, CS600)

Contents: Astronomy. 1. Ḥabash al-Ḥāṣib on the melon astrolabe (with R. P. Lorch, first publication). 2. Two topics from an astrological manuscript: Sindhind days and planetary latitudes (1990). 3. Al-Ṣūfi on the celestial globe (1990). 4. Applied mathematics in the tenth century: Abu'l-Wafā' calculates the distance Baghdad-Mecca (1984). 5. Two mappings proposed by Birūnī

(with M. T. Debnarot, 1990). 6. The spherical case of the Tūsi couple (with G. Saliba, 1991). 7. Spherical astronomy in Kāshī's Khāqānī Zij (1990). 8. Two medieval approaches to the equation of time (1988). 9. Ibn al-Haytham's determination of the meridian from one solar altitude (1990). 10. Ulugh Beg as scientist (first publication). 11. The heritage of Ulugh Beg (first publication). 12. Planetary theory: late Islamic and Renaissance (1983). 13. Two tables from an Arabic astronomical handbook for the Mongol Viceroy of Tibet (with J. Hogendijk, 1988). 14. Eclipse predictions in Arabic astronomical tables prepared for the Mongol Viceroy of Tibet (1990).—Astrology. 15. Al-Bīrūnī's treatise on astrological lots (with F. I. Haddad and D. Pingree, 1990). 16. Ibn Mu'ādh on the astrological houses (1990). 17. An astrological history based on the career of Genghis Khan (1991). 18. Treatise V of Kāshī's Khāqānī Zij: determination of the ascendent (1990). 19. The astrological houses as defined by medieval Islamic astronomers (1996).

Kunitzsch, Paul. Neuzeitliche europäische Himmelsgloben mit arabischen Inschriften. Vorgetragen in der Sitzung am 8. Dezember 1995. München, Verlag der Bayerischen Akademie der Wissenschaften, In Kommission bei der C. H. Beck'schen Verlagsbuchhandlung, 1997. 33 p., [6] p. of plates. illus. (Bayerische Akademie der Wissenschaften. Philosophisch-Historische Klasse. Sitzungsberichte, Jahrg. 1997, Heft 4)

Landa, Judah. Torah and science. Hoboken, NJ, Ktav Pub. House, 1991. 361 p. illus.

Contents: Preface.—ch. 1. Basic geometry.—ch. 2. Special numbers.—ch. 3. The earth.—ch. 4. The heavenly bodies.—ch. 5. The seasons.—ch. 6. The moon.—ch. 7. Celestial visitors.—ch. 8. Laws of nature.—ch. 9. Creation vs. evolution.—ch. 10. The universe.—Glossary of Hebrew terms.

Lichtenberg, Georg C. Observationes. Die lateinische Schriften. Hrsg. von Dag Nikolaus Hasse. Göttingen, Wallstein, 1997. 240 p. illus., facsimis.

Tobias Mayer's moon map on folded leaf in pocket.

Latin and German translations on facing pages.

Includes "Observationes astronomicae per annum 1772. und 1773. Astronomische Beobachtungen der Jahre 1772 und 1773" (p. 8–53), and, in connection with Mayer's moon map, "Ad Tabulam Selenographicam animadversiones. Anmerkungen zur selenographischen Tafel" (p. 122–139).

Makariūnienė, Eglė, and Libertas Klimka. Lietuvos fizikų ir astronomų sąvadas. [Reference book of the physicists and astronomers of Lithuania] Su Kęstučiu Makariūnu įvadiniu straipsniu. [Introductory essay by Kestutis Makariūnas] Vilnius, Fizikos Institutas, 1994. 146 p.

Brief, chronologically arranged sketches of 715 scientists.

English summary: p. 146.

Medieval Latin, an introduction and bibliographic guide. Edited by F. A. C. Mantello and A. G. Rigg. Washington, D.C., Catholic University of America Press, 1996. xiv, 774 p. facsimis.

Partial contents: Grant, E. Astronomy, cosmology, and cosmography.—Burnett, C. S. F. Astrology.—Wallis, F. Chronology and systems of dating.

Each topical section is accompanied by a select bibliography.

Meinel, Christoph. Die Bibliothek des Joachim Jungius. Ein Beitrag zur Historia litteraria der frühen Neuzeit. Göttingen, Vandenhoeck & Ruprecht, 1992. 224 p. illus., facsimis., port. (Veröffentlichung der Joachim Jungius-Gesellschaft der Wissenschaften, Hamburg, Nr. 67)

The history of the collection that precedes the catalog includes a section entitled "Mathematik und astronomisches Weltbild" (p. 21–30), and the subject index provides references to catalog entries for books on astronomy.

The Nasser D. Khalili Collection of Islamic Art. General editor, Julian Raby. v. 12. Science, tools & magic. New York, Nour Foundation in association with Azimuth Editions and Oxford University Press, 1997. 2 v. (439 p.) illus. (chiefly col.)

Contents: pt. 1. Body and spirit; mapping the universe. By Francis Maddison and Emilie Savage-Smith.—pt. 2. Mundane worlds. By Emilie Savage-Smith, with contributions from Francis Maddison, Ralph Pinder-Wilson and Tim Stanley.

In addition to the detailed catalog descriptions, there are several essays and appendices of interest for the history of astronomy: "Astrologer's Globes and a Standard" (p. 160–161) and "Islamic Celestial Globes and Related Instruments" (p. 168–174), both by Emilie Savage-Smith; "The Planispheric Astrolabe," by Francis Maddison (p. 186–189, 192–196); two appendices by Emilie Savage-Smith, "Modern Indian Globes" (p. 406–413) and "Metallurgical Analyses of Celestial Globes" (p. 414–415), and a third, unsigned appendix, listing star names found on an Iranian celestial globe and a Moroccan planispheric astrolabe, with English equivalents (p. 416).

Palingenio Stellato, Marcello. *Le zodiaque de la vie (Zodiacus vitae)*. XII livres. Text latin établi, traduit et annoté par Jacques Chomarat. Suivi d'appendices et d'index. Genève, Librairie Droz, 1996. 527 p. (Travaux d'humanisme et Renaissance, no 307)

The Phenomenon of Doppler. Prague, Czech Technical University, Faculty of Nuclear Sciences and Physical Engineering, 1992. 136 p., [8] p. of plates. illus. (part col.), facsimis., ports. (part col.)

Contents: Introduction.—1. 150 years of the Doppler principle. Štoll, I. Christian Doppler—man, work and message. Seidlerová, I. Christian Doppler and Prague Polytechnic. Schwippl, J. Christian Doppler and the Royal Bohemian Society of Sciences. Pöss, O. Christian Doppler in Banská Štiavnica. Šolc, M. The way of the Doppler principle to astrophysics. Brief chronology of Doppler's life. Bibliography of Doppler's work.—2. Intermezzo. Highlights of the history of physics and astronomy in Prague.—3. Institutions and societies. The Czech Technical University in Prague. The Faculty of Nuclear Sciences and Physical Engineering. The Union of Czechoslovak Mathematicians and Physicists. The Czech Astronomical Society. The Czechoslovak Spectroscopic Society. The Czechoslovak Society for the History of Sciences and Technology.

Porta, Giambattista della. *Cœlestis physiognomia. È un in appendice Della celeste fisionomia*. A cura di Alfonso Paolella. Napoli, Edizioni scientifiche italiane, 1996. xxxi, 353 p. facsimis., port. (Edizione nazionale delle opere di Giovan Battista della Porta, v. 8)

Prack, Norbert. *Der römische Kalender (264–168 v. Chr.). Verlauf und Synchronisation*. Sinzheim, Pro Universitate Verlag, 1996. 196 p. (Wissenschaftliche Schriften. Geschichte)

Quadracentenaire de la naissance de Pierre Gassendi, 1592–1992. Actes du Colloque international Pierre Gassendi, Digne-les-Bains, 18–21 mai 1992. Digne-les-Bains, Société scientifique et littéraire des Alpes de Haute-Provence, 1994. 2 v. (452 p.) illus., facsimis., ports. (part col.) (Annales de Haute-Provence, no 321/322–323/324, 2–3. trimestre 1993)

Partial contents: Gassendi en son temps: brève chronologie. Ses œuvres. Les traductions.—Galluzzi, P. Gassendi et l'affaire Galilée delle leggi del moto.—Halbronn, J. Pierre Gassendi et l'astrologie judiciaire: approche bibliographique.—Sarasohn, L. T. The ethics of Gassendi and the refutation of astrology.—Fehrenbach, C. L'astronome et le savant Gassendi.—Van Helden, A. Gassendi and the telescope: toward a research community.—Ashworth, W. B. The map of the moon of Gassendi, Peiresc and Mellan.—Martinet, M. Gassendi, J. B. Morin et le secret des longitudes.

Reichel, Ute. *Von Gestirnumbläufen, Talismanen und der Kunst Alchymia: die Rolle der Astrologen an den deutschen Fürstenhöfen des 16. Jahrhunderts*. Darmstadt, DDD, 1996. 193 p. illus. (Naturwissenschaftliche Reihe, Bd. 6)

Remembering Edith Alice Müller. Edited by I. Appenzeller, Y. Chmielewski, J.-C. Pecker, R. de la Reza, G. Tamman, and P. Wayman. Dordrecht, Boston, Kluwer Academic Publishers, 1998. 147 p. illus., ports. (Astrophysics and space science library, v. 222)

"Edith A. Müller (1918–1995)—List of publications": p. 139–143.

A collection of brief reminiscences by many friends, associates, and colleagues.

Ricci, Saverio. Nicola Antonio Stigliola, enciclopedista e linceo. Con l'edizione del trattato *Delle apparenze celesti*, a cura e con un saggio di Andrea Cuna. Roma, 1996. 147 p. (Accademia nazionale dei Lincei. Atti, anno 393. Classe di scienze morali, storiche e filologiche. Memorie, ser. 9, v. 8, fasc. 1)

Abstract in English.

The essay by Cuna is entitled "Editoria e testi de re medica. La controversia fra Nicola Antonio Stigliola e i medici patavini."

Delle apparenze celesti is published for the first time.

S. Chandrasekhar, the man behind the legend. Editor, Kameshwar C. Wali. London, Imperial College Press; Distributed by World Scientific Pub. Co., Singapore, River Edge, NJ, 1997. 223 p. ports.

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