

Appendix

Published material related to astronomical photographic plates: 2009 - 2022

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Listed below is a representative selection of publications dealing with astronomical photographic plates that appeared in the period 2009-2022. A few classic papers published before 2009 are included. It was unrealistic to carry out a systematic review all of the astronomical literature over the past fourteen years. Thus, this list should not be considered comprehensive as there are certainly some omissions.

The list is divided, somewhat arbitrarily, into four types of references:

- Overviews: articles and conference summaries related to astronomical plates in general
- Research papers: papers that appeared in peer-reviewed journals reporting astronomical research that made use of plates
- Non-research papers: articles and reports on plate-related topics that are not directly related to basic astronomical research. Examples are reports on existing plate archives, on measuring and digitization tests, on scanning programs and articles and commentaries on plate preservation, plate handling and plate use in general
- Other plate-related references: Brief notes or abstracts of papers presented at conferences, notes and minutes from conferences or working groups

Overviews

Hudec, R., & Skala, P. (2019). Preface. In P. Skala (Ed.), *Astroplate 2016*. Czech Technical University in Prague. <https://www.astroplate.cz/wp-content/uploads/Proceedings/AstroplateProceedings2016.pdf>

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Lattis, J., Osborn, W., Bartlett, J. L., Griffin, E., Hockey, T., McCluskey, S., Oswalt, T., Pevtsov, A. A., Schechner, S., & Trimble, V. (2019). Preservation of our astronomical heritage. *Bulletin of the American Astronomical Society*, 51(7). <https://doi.org/10.48550/arXiv.1907.10686>

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- Nesci, R., Bagaglia, M., & Nucciarelli, G. (2014). Scientific use of digitized plates. In L. Mišková, & S. Vitek (Eds.), *Astroplate 2014*, (pp. 75-78). Institute of Chemical Technology, Prague. https://www.astroplate.cz/wp-content/uploads/2014/12/astroplate_2014_proceedings_rev_2.pdf
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- Osborn, W., & Lattis, J. (2013). Workshop on developing a plan for preserving Astronomy's archival records. *Publication of the Astronomical Society of the Pacific*, 125(923), 113. <https://doi.org/10.1086/669131>
- Osborn, W., & Robbins, L. (Eds.). (2009). *Preserving astronomy's photographic legacy: Current state and the future of North American astronomical plates.* *ASP Conference Series*, 410. Astronomical Society of the Pacific. http://aspbooks.org/a/volumes/table_of_contents/?book_id=458
- Robbins, L., & Osborn, W. (2009). The census of astronomical photographic plates in North America. In W. Osborn & L. Robbins (Eds.), *Preserving astronomy's photographic legacy: Current state and the future of North American astronomical plates*, *ASP Conference Series*, 410, 81-95. Astronomical Society of the Pacific. http://aspbooks.org/a/volumes/article_details/?paper_id=30170
- Schechner, S. J., & Sliski, D. (2016). The scientific and historical value of annotations on astronomical photographic plates. *Journal for the History of Astronomy*, 47(1), 3-29. <https://doi.org/10.1177/0021828615624094>
- Skala, P. (Ed.). (2019). *Astroplate 2016*. Czech Technical University in Prague, Prague. <https://www.astroplate.cz/wp-content/uploads/Proceedings/AstroplateProceedings2016.pdf>

Peer-reviewed papers reporting astronomical research that utilized plates

- Alden, H. L., & O'Connell, W. C. (1928). Photographic measures of the satellites of Saturn in 1926. *The Astronomical Journal*, 38(889), 53-56. <https://doi.org/10.1086/104808>
- Benedetti-Rossi G., Vieira Martins, R., Camargo J. I. B., Assafin, M., & Braga-Ribas, F. (2014). Pluto: Improved astrometry from 19 years of observations. *Astronomy & Astrophysics*, 570, A86-A98. <https://doi.org/10.1051/0004-6361/201424275>

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- Griffin, R. E. M., Fioletov, V., & McConnell, J. C. (2006). Measurements of historical total ozone from the Chalonge-Divan stellar spectrum program: A reanalysis of the 1953-1972 data and a comparison with simultaneous Dobson Arosa measurements. *Journal of Geophysical Research: Atmospheres*, 111(D12), D12309. <https://doi.org/10.1029/2005JD006476>
- Hippke, M., Angerhausen, D., Lund, M. B., Pepper, J., & Stassun, K. G. (2016). A statistical analysis of the accuracy of the digitized magnitudes of photometric plates on the timescale of decades with an application to the century-long light curve of KIC 8462852. *The Astrophysical Journal*, 825(1), 73-83. <https://doi.org/10.3847/0004-637X/825/1/73>
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Reports on plate archives, measuring and digitization tests, scanning programs and the like.

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