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Leihgeber Meteorites/Meteowrongs

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Literatur

¹ Nordenskiöld A. E. (1874): On the cosmic dust which falls on the surface of the earth with the atmospheric precipitation. The London, Edinburgh, and Dublin Philosophical Magazine and Journal of Science, Series 4, Volume 48, 1874 - Issue 321: Supplement

² Murray J. & A. F. Renard (1891): Report on deep-sea deposits based on the specimens collected during the voyage of HMS Challenger in the years 1872 to 1876. HM Stationery Office

³ Whipple F. L. (1949): The theory of micrometeorites. Popular Astronomy, Vol. 57, p. 517

⁴ Suttle M. D. & L. Folco (2020): The extraterrestrial dust flux: Size distribution and mass contribution estimates inferred from the Transantarctic Mountain (TAM) micrometeorite collection. Journal of Geophysical Research: Planets, 125, Issue 2

⁵ Plane, J. M. C., Flynn, G. J., Määttänen, A., Moores, J. E., Poppe, A. R., Carrillo-Sanchez, J. D. & Listowski, C. (2018): Impacts of cosmic dust on planetary atmospheres and surfaces. Space Science Reviews, 214: 23. doi.org/10.1007/s11214-017-0458-1

⁶ Larsen J. (2017): In Search of Stardust. Amazing Micrometeorites and Their Terrestrial Imposters. Quarto Publishing Group USA Inc.

⁷ Genge M. J., van Ginneken M. & M. D. Suttle (2020): Micrometeorites: Insights into the flux, sources and atmospheric entry of extraterrestrial dust at Earth. Planetary and Space Science, 187. Article Number 104900.

⁸ Jorgensen, J. L., Benn, M., Connerney, J. E. P., Denver, T., Jorgensen, P. S., Andersen, A. C., & Bolton, S. J. (2021). Distribution of interplanetary dust detected by the Juno spacecraft and its contribution to the Zodiacal Light. Journal of Geophysical Research: Planets, 126 (3), e2020JE006509.

⁹ Genge M. J., Engrand C., Gounelle M. & S. Taylor (2008): The classification of micrometeorites. Meteoritics & Planetary Science 43, Nr 3, 497–515

¹⁰ Flynn, G. J., Nittler, L. R., & Engrand, C. (2016). Composition of cosmic dust: sources and implications for the early solar system. Elements, 12 (3), 177-183

¹¹ Koschny, D., Soja, R. H., Engrand, C., Flynn, G. J., Lasue, J., Levasseur-Regourd, A. C., Malaspina, D., Nakamura, T., Poppe, A. R., Sterken, V. J. & Trigo-Rodríguez, J. M. (2019). Interplanetary dust, meteoroids, meteors and meteorites. Space science reviews, 215, 1-62

¹² Keller, L. P., & Flynn, G. J. (2022). Evidence for a significant Kuiper belt dust contribution to the zodiacal cloud. Nature Astronomy, 6 (6), 731-735

¹³ Dartois, E., Engrand, C., Brunetto, R., Duprat, J., Pino, T., Quirico, E., Remusat, L., Bardin, N., Briani, G., Mostefaoui, S., Morinaud, G., Crane, B., Szwece, N., Delauche, L., Jamme, F., Sandt, C. & P. Dumas (2013): UltraCarbonaceous Antarctic micrometeorites, probing the Solar System beyond the nitrogen snow-line. Icarus, 224(1), 243-252.

¹⁴ Sterken, V. J., Westphal, A. J., Altobelli, N., Malaspina, D., & F. Postberg (2019): Interstellar dust in the solar system. Space Science Reviews, 215, 1-32

¹⁵ Hecht, L., Milke, R. & A. Greshake (2021): Urbane Mikrometeorite: Citizen Science in den Geowissenschaften. GMIT, 84, 8-21

¹⁶ Maurette, M., Gounelle, M., Duprat, J., Engrand, C., & G. Matrajt (2000): The Early Micrometeorites Accretion Scenario and the Origin of Earth's Hydrosphere. In ASTRONOMICAL SOCIETY OF THE PACIFIC CONFERENCE SERIES (Vol. 213, pp. 263-284). ASP; 1999