

List of Publications

Prof. Nira Alperson-Afil

Books

- 1) Alperson-Afil, N. and Goren-Inbar, N. 2010. *The Acheulian Site of Gesher Benot Ya'aqov Volume II: Ancient Flames and Controlled Use of Fire*. Springer, Dordrecht. 300 p.
- 2) Goren-Inbar, N., Alperson-Afil, N., Sharon, G., and Herzlinger, G. 2018. *The Acheulian Site of Gesher Benot Ya'aqov Volume IV: The Lithic Assemblages*. Springer, Dordrecht, 516 p.

Articles

- 1.) Alperson, N., Barzilai, O., Dag, D., Hartman, G. and Matskevich, Z. 2000. The age and context of the Tabun I skeleton: A reply to Schwarcz *et al.* *Journal of Human Evolution* 38: 849–853.
- 2.) Alperson, N. and Garfinkel, Y. 2002. The flint knapping industry. In: Garfinkel, Y. and Miller, M. A. (eds.) *Sha'ar Hagolan 1: Neolithic Art in Context*, pp. 146–175. Oxford: Oxbow Books.
- 3.) Goren-Inbar, N., Alperson, N., Kislev, M. E., Simchoni, O., Melamed, Y., Ben-Nun, A. and Werker, E. 2004. Evidence of hominin control of fire at Gesher Benot Ya'aqov, Israel. *Science* 304: 725–727.
- 4.) Alperson-Afil, N. and Hovers, E. 2005. Differential use of space in the Neandertal site of Amud Cave, Israel. *Euroasian Prehistory* 3(1):3–22.
- 5.) Alperson-Afil, N. and N. Goren-Inbar. 2006. Out of Africa and into Eurasia with controlled use of fire: evidence from Gesher Benot Ya'aqov, Israel. *Archaeology, Ethnology & Anthropology of Eurasia* 4(28):63–78.
- 6.) Alperson-Afil, N., Richter, D., and Goren-Inbar, N. 2007. Phantom hearths and the use of fire at Gesher Benot Ya'aqov, Israel. *PaleoAnthropology* 2007:1–15.
<http://www.paleoanthro.org/journal/content/PA20070001.pdf>

- 7.) Alperson-Afil, N. 2008. Continual fire-making by Hominins at Gesher Benot Ya'aqov, Israel. *Quaternary Science Reviews* 27:1733–1739.
- 8.) Goren-Inbar, N., G. Sharon, N. Alperson-Afil, and I. Laschiver. 2008. The Acheulian Massive Scrapers of Gesher Benot Ya'aqov - an associated product of the large cutting tools chaîne opératoire. *Journal of Human Evolution* 55:702–712.
- 9.) Alperson-Afil, N., Sharon, G., Kislev, M., Melamed, Y., Zohar, I., Ashkenazi, S., Rabinovich, R., Biton, R., Werker, E., Hartman, G., Feibel, C., and Goren-Inbar, N. 2009. Spatial Organization of Hominin Activities at Gesher Benot Ya'aqov, Israel. *Science* 326:1677–1680.
- 10.) Sharon, G., Feibel, C., Alperson-Afil, N., Harlavan, Y., Feraud, G., Ashkenazi, S., and Rabinovich, R. 2010. New Evidence for the Northern Dead Sea Rift Acheulian. *PaleoAnthropology* 2010:79–99. <http://www.paleoanthro.org/journal/content/PA20100079.pdf>
- 11.) Sharon, G., Alperson-Afil, N., and Goren-Inbar, N. 2011. Cultural conservatism and variability in the Acheulian sequence of Gesher Benot Ya'aqov. *Journal of Human Evolution* 60:387–397.
- 12.) Richter, D., Alperson-Afil, N., and Goren-Inbar, N. 2011. Employing TL methods as verification tool for the macroscopic determination of heat alteration of lithic artefacts from Palaeolithic contexts. *Archaeometry* 53:842–857.
- 13.) Alperson-Afil, N. 2012. Archaeology of fire: Methodological aspects of reconstructing fire history of prehistoric archaeological sites. *Earth Science Reviews* 113:111–119.
- 14.) Alperson-Afil, N. 2015. Forgotten knowledge: basalt tool-making in the Lower Palaeolithic Levant. In: Shulman, D. and Galizia, G. (eds.): *What is Forgetting*. Magnes, Jerusalem, pp: 107–125.
- 15.) Goren-Inbar, N., Sharon, G., Alperson-Afil, N. and Herzlinger, G. 2015. A new type of anvil in the Acheulian of Gesher Benot Ya'aqov, Israel. *Philosophical Transactions Royal Society B* 370: 20140353.
- 16.) Alperson-Afil, N. and N. Goren-Inbar. 2016. Scarce but significant: the limestone component of the Acheulian site of Gesher Benot Ya'aqov, Israel. In: M. N. Haidle, N. J. Conard and Bolus, M. (eds.) *The Nature of Culture*. Springer, Dordrecht, pp: 41–56.

- 17.) Alperson-Afil, N. 2016. Gesher Benot Ya'aqov. In: A. S. Gilbert (ed.) *Encyclopedia of Geoarchaeology*. Springer, Dordrecht, pp: 81G 1-2.
- 18.) Alperson-Afil, N. and N. Goren-Inbar. 2016. Acheulian hafting: Proximal modification of small flint flakes at Gesher Benot Ya'aqov, Israel. *Quaternary International* 411B: 34-43.
- 19.) Alperson-Afil, N. 2017. Spatial analysis of fire: archaeological approach to recognizing early fire. *Current Anthropology* 58 (16).
- 20.) Alperson-Afil, N. Richter, D. and N. Goren-Inbar. 2017. Evaluating the intensity of fire at the Acheulian site of Gesher Benot Ya'aqov: Spatial and thermoluminescence analyses. *PLoS ONE* 12: 1-15.
- 21.) Ahituv, H., Weiss, E. and Alperson-Afil, N. 2019. Breaking the mold of Natufian basalt mortars: experimental production and archaeological implications. *Journal of Paleolithic Archaeology*. DOI: 10.1007/s41982-018-0017-7.
- 22.) Alperson-Afil, N. 2019. Demographic changes as triggers for the loss of skills during the Lower Palaeolithic Levant. *Insights of Anthropology* 3: 134-146.
- 23.) Alperson-Afil, N. 2019. Digitizing the undigitized: converting traditional archaeological records into computerized, three-dimensional site reconstruction. *Journal of Geographic Information System* 11: 747-765.
- 24.) Alperson-Afil, N., Goren-Inbar, N., Herzlinger, G., and Wynn, T. 2019. Expert retrieval structures and prospective memory in the cognition of Acheulian Hominins. *Psychology* 11: 173-189.
- 25.) Alperson-Afil, N. 2020. On the behavior of Acheulian man in the Paleo Hula Valley. *Qadmoniot* 159: 34–42 (Hebrew).
- 26.) Zohar, I., Alperson-Afil, N., Goren-Inbar, N., Prévost, M., Tütken, T., Sisma-Ventura, G., ... & Najorka, J. (2022). Evidence for the cooking of fish 780,000 years ago at Gesher Benot Ya'aqov, Israel. *Nature Ecology & Evolution*, 6(12).

- 27.) Alperson-Afil, N. 2024. Acheulian Cognition and Behavior at Gesher Benot Ya'aqov. In: Wynn, T., Overmann, K., and F. Coolidge (eds.) *The Oxford Handbook of Cognitive Archaeology*. Oxford University Press, Oxford
- 28.) Ahituv, H., Henry, A., Melamed, Y., Goren-Inbar, N., Bakels, C., Shumilovskikh, L., Cabanes, D., Stone, J., Rowe, W.F., Dove, C., and Alperson-Afil, N. in press. Starch-rich plant foods 780,000 years ago: evidence from Acheulian percussive stone tools. *PNAS*

