

## **Thomas Cucchi**

**Address:** Department of Archaeology  
University of Aberdeen  
St Mary's Building  
Elphinstone Road  
Aberdeen, AB24 3UF

UMR 7209  
CNRS/ Muséum National d'Histoire Naturelle  
55 rue Buffon  
75005 Paris

[thomas.cucchi@abdn.ac.uk](mailto:thomas.cucchi@abdn.ac.uk)

[cucchi@mnhn.fr](mailto:cucchi@mnhn.fr)

<http://www.abdn.ac.uk/archaeology/profiles/thomas.cucchi/>

### **Current Research**

Pigs and rats dispersal with humans in ISEA / remote Oceania

The origin of Rats and mice commensalism in Middle East and China

The house mouse dispersal as a proxy of the Neolithic diaspora in  
Transcaucasia

The Orkney vole Microevolution

Geometric Morphometrics of horse Teeth for zooarchaeological applications

### **Publications**

**2012**

- Weissbrod, L., Bar-Oz, G., **Cucchi, T.**, Finkelstein, I., The urban ecology of Iron Age Tel Megiddo: using microvertebrate remains as ancient bio-indicators, In press, Corrected proof, *Journal of Archaeological Science*.
- Evin, A., **Cucchi, T.**, Cardini, A., Vidarsdottir, U.S., Larson, G., Dobney, K., The long and winding road: Identifying pig domestication through molar size and shape, In press, Accepted manuscript, *Journal of Archaeological Science*.
- Vigne, J. D., Briois, F., Zazzo, A., Willcox G., **Cucchi, T.**, Thiébault, S., Carrère, I., Franel, Y., Touquet, R., C., M., Moreau, C., Comby, C. and Guilaine, J. 2012 The first wave of cultivators spread to Cyprus at least 10,600 years ago. *Proceeding of the National Academic Science*.  
10.1073/pnas.120169310
- Frémondeau, D., **Cucchi, T.**, Casabianca, F., Ughetto-Monfrin, J., Horard-Herbin, M.-P. and Balasse, M. 2012. Pig seasonality of birth and diet, from tooth enamel stable isotope ratios (d18O, d13C): a modern reference set from wild and domestic populations from Corsica (France). *Journal of Archaeological Science*. 39, 2023-2035
- **Cucchi, T.**, Auffray, J.-C., Vigne, J.-D., 2012. History of house mouse synanthropy and dispersal in the Near East and Europe: a zooarchaeological insight, in: Macholan, M., Baird, S.J.E., Munclinger, P., Piàlek, J. (Eds.), *Evolution of the House Mouse* Cambridge University Press, Cambridge, pp. 65-93.
- Renvoisé, E., Montuire, S., Richard, Y., Quéré, J.-P., Gerber, S., **Cucchi, T.**, Chateau-Smith, C. and Tougard, C. 2012. Microevolutionary relationships between phylogeographical history, climate change and morphological variability in the common vole (*Microtus arvalis*) across France. *Journal of Biogeography* 39, 698-712.
- Hughes, S., Fernández, H., **Cucchi, T.**, Duffraisie, M., Casabianca, F., Istria, D., Pompanon, F., Vigne, J.-D., Hänni, C. and Taberlet, P. 2012. A

Dig into the Past Mitochondrial Diversity of Corsican Goats Reveals the Influence of Secular Herding Practices. PLoS ONE 7, e30272.

## 2011

- Larson, G., **Cucchi, T.** & Dobney, K. 2011. Genetic aspects of pig domestication. In Ruvinsky, A. & Rothschild, M. (eds.) *The Genetics of the Pigs*. 2nd ed. Oxford: CAB International, 14-37.
- **Cucchi, T.**, Balasescu, A., Bem, C., Radu, V., Vigne, J.-D. & Tresset, A. Online First, 2011. New insights into the invasive process of the eastern house mouse (*Mus musculus musculus*): Evidence from the burnt houses of Chalcolithic Romania. *The Holocene*, vol. 21, no. 8, pp. 1195-1202, 2011
- Valenzuela-Lamas, S., Baylac, M., **Cucchi, T.** & Vigne, J.-D. 2011. House mouse dispersal in Iron Age Spain: a geometric morphometrics appraisal. *Biological Journal of the Linnean Society*, 102: 483-497.
- **Cucchi, T.**, Hulme-Beaman, A., Yuan, J. & Dobney, K. 2011. Early Neolithic pig domestication at Jiahu, Henan Province, China: clues from molar shape analyses using geometric morphometric approaches. *Journal of Archaeological Science*, 38: 11-22.
- Bonhomme, F., Orth, A., Cucchi, T., Rajabi-Maham, H., Catalan, J., Boursot, P., Auffray, J-C & Britton-Davidian, J. (2011). 'Genetic differentiation of the house mouse around the Mediterranean basin: matrilineal footprints of early and late colonization'. *Proceedings of the Royal Society of London. B, Biological Sciences*, vol 278, no. 1708, pp. 1034-1043.

## 2009

- **Cucchi, T.**, Fujita, M. & Dobney, K. 2009. New Insights into Pig Taxonomy Domestication and Human Dispersal in Island South East Asia: Molar Shape Analysis of *Sus* Remains from Niah Caves, Sarawak. *International Journal of Osteoarchaeology*, 19: 508-530.

- **Cucchi, T.**, Barnett, R., Searle, J. & Dobney, K. 2009. Morphometric analysis of the Holm of Pappa Westray voles. In Ritchie, A. (ed.) *On the Fringe of Neolithic Europe. Excavation of a Chambered Cairn on the Holm of Papa Westray, Orkney*. Edinburgh: Society of Antiquaries of Scotland, 87-90.

## 2008

- **Cucchi, T.** 2008. Uluburun shipwreck stowaway house mouse: molar shape analysis and indirect clues about the vessel's last journey. *Journal of Archaeological Science*, 35: 2953-2959.
- Dobney, K., **Cucchi, T.** & Larson, G. 2008. The pigs of Island Southeast Asia and the Pacific: new evidence for taxonomic status and human-mediated dispersal. *Asian Perspectives*, 47: 59-74.

## 2007

- Larson, G., **Cucchi, T.**, Fujita, M., Matisoo-Smith, E., Robins, J., Anderson, A., Rolett, B., Spriggs, M., Dolman, G., Kim, T.-H., Thuy, N. T. D., Randi, E., Doherty, M., Due, R. A., Bollt, R., Djubiantono, T., Griffin, B., Intoh, M., Keane, E., Kirch, P., Li, K.-T., Morwood, M., Pedrina, L. M., Piper, P. J., Rabett, R. J., Shooter, P., Van Den Bergh, G., West, E., Wickler, S., Yuan, J., Cooper, A. & Dobney, K. 2007. Phylogeny and ancient DNA of *Sus* provides insights into neolithic expansion in island southeast Asia and Oceania. *Proceedings Of The National Academy Of Sciences Of The United States Of America*, 104: 4834-4839.
- Michaux, J., **Cucchi, T.**, Renaud, S., Garcia-Talavera, F. & Hutterer, R. 2007. Evolution of an invasive rodent on an archipelago as revealed by molar shape analysis: the house mouse in the Canary Islands. *Journal of Biogeography*, 34: 1412-1425.

- Bonhomme, F., Orth, A., Cucchi, T., Hadjisterkotis, E., Vigne, J. D. & Auffray, J. C. 2004. A new species of wild mice on the Island of Cyprus. *Comptes Rendus Biologies*, 327: 501-507.

## 2006

- **Cucchi, T.**, Orth, A., Auffray, J. C., Renaud, S., Fabre, L., Catalan, J., Hadjisterkotis, E., Bonhomme, F. & Vigne, J. D. 2006. A new endemic species of the subgenus *Mus* (Rodentia, Mammalia) on the Island of Cyprus. *Zootaxa*, no. 1241: 1-36.
- **Cucchi, T.** & Vigne, J. D. 2006. Origin and Diffusion of the House Mouse in the Mediterranean. *Human Evolution*, 21: 95-106.

## 2005

- **Cucchi, T.**, Vigne, J. D. & Auffray, J. C. 2005. First occurrence of the house mouse (*Mus musculus domesticus* Schwarz & Schwarz, 1943) in the Western Mediterranean: a zooarchaeological revision of subfossil occurrences. *Biological Journal of the Linnean Society*, 84: 429-445.
- Vigne, J.-D. & **Cucchi, T.** 2005. Premières navigations au Proche-Orient : les informations indirectes de Chypre. *Paléorient*, 31: 195-204.

## 2004

- Bonhomme, F., Orth, A., Cucchi, T., Hadjisterkotis, E., Vigne, J-D & Auffray, J.C. (2004). 'Découverte d'une nouvelle espèce de souris sur l'île de Chypre'. *Comptes rendus biologies*, vol 327, no. 5, pp. 501-507.

## 2002

- **Cucchi, T.**, Vigne, J. D., Auffray, J. C., Croft, P. & Peltenburg, E. 2002. Passive transport of the house mouse (*Mus musculus domesticus*) to

Cyprus at the Early Preceramic Neolithic (late 9th and 8th millennia cal. BC). *Comptes Rendus Palevol*, 1: 235-241.

30 May 2013

Thomas Cucchi