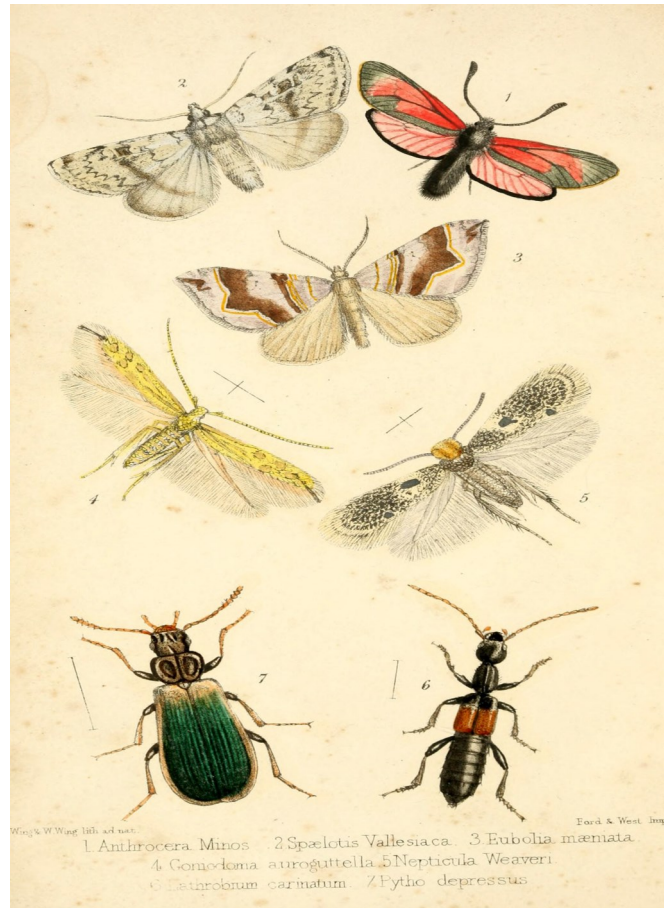


The Material Culture of Citizen Science

Friday 12 May 2017

St Anne's College, Oxford



In recent years, citizen science has flourished in and out of the academy. Across the globe, via projects such as Zooniverse, socially and intellectually-engaged members of the public contribute in crucial ways to the making of new scientific knowledge. Within academic discourse, scholars have embraced the term “citizen science” as a heuristic analytical tool for thinking about activity both past and present. Thus far, historical scholarship on citizen science has tended to focus on people and institutions. This workshop extends the current conversation by examining and reflecting upon the technologies and materials that have enabled citizen science to flourish. What are the practical means that fostered the break down of the divisions between professional and non-professional science? What kinds of technologies and materials can be identified, and how did they shape the interactions among participants and thus, the production, circulation and use of scientific knowledge, in the digital age and before? Citizen Science practitioners, researchers from the Oxford-based project ‘Constructing Scientific Communities: Citizen Science in the 19th and 21st Centuries’, and members of the Max Planck working group “Working With Paper: Gendered Practices in the History of Knowledge” will discuss these questions in historical perspective. In particular, our conversations will concentrate on the use of paper as a central means to mediate between seemingly divergent actors and spaces and those digital technologies that have replaced it.



Arts & Humanities
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PROGRAMME

Seminar Room 8, Ruth Deech Building

- 9.00—9.20 Arrivals, Coffee & Tea
- 9.20—9.30 **Introduction**
Sally Shuttleworth, University of Oxford
- 9.30—10.10 **Sociability, Gender, and the Circulation of Hans Sloane's Books**
Lisa Smith, University of Essex
- 10.10 — 10.50 **Pinning Down the Shell: the Lister Sisters and Strategies of Scientific Illustration**
Anna Marie Roos, University of Lincoln
- 10.50—11.20 Coffee Break
- 11.20—12.00 **Sensing and Presencing Rare Plants Through Contemporary Drawing Practice**
Siân Bowen, Northumbria University and Arts University Bournemouth
- 12.00—12.40 **Crowdsourcing Manuscript Transcription and Metadata**
Victoria van Hyning, University of Oxford
- 12.40—1.40 Lunch (Seminar Room 9)
- 1.40—2.20 **Paper, Everyday Technologies and Citizen Science in the Early Modern English Household**
Elaine Leong, Max Planck Institute for the History of Science
- 2.20—3.00 **Making Model Citizens: Papier-Mâché Anatomical Models and Reform in the Nineteenth Century**
Anna Maerker, King's College London
- 3.00—3.40 **The Sympathy of a Crowd: Periodicals and the Practice of Nineteenth-Century Natural History**
Matthew Wale, University of Leicester
- 3.40—4.10 Coffee Break
- 4.10—4.50 **Orderliness, Citizenship, and the State's Paperwork: At-Home Compilation for the Prussian Census, 1871-1910**
Christine von Oertzen, Max Planck Institute for the History of Science
- 4.50—5.30 **Aluminum, Cardstock, and Silicon: Materialities of Participation in U.S. Bird Banding**
Etienne Benson, University of Pennsylvania