

Skills Offered by GCG Members

Timothy A. M. Ewin

This document was compiled from the responses received from the recent GCG survey for skills offered by GCG members to help others in the heritage sector. There was significant duplication, which has been removed otherwise response are as they were offered. The responses were then grouped, arbitrarily into related groups to assist in understanding the coverage members are able to offer. This document is currently evolving and it is hoped that more skills will be added. If you can offer other skills then please contact me via e-mail (t.ewin@nhm.ac.uk). This is particularly relevant in light of the skills requested document (<http://www.geocurator.org/news/skillsreq.pdf>) which suggests that there are gaps in what can be offered and what is requested although this is probably misleading as many of these areas can be covered it is just that they were not explicitly offered by GCG members. A document comparing the skills requested and offered is also available for ease of comparison and can be found here (PLEASE INSERT LINK). As such I urge you all to look through these documents and offer skills where you can!

1. Collections management

- 1.1. General Collections management
- 1.2. Standards in collections care and access
- 1.3. Collections reviews
- 1.4. Benchmarking
- 1.5. Digitisation, Databasing, Cataloguing
- 1.6. Data management
- 1.7. Documentation backlog projects
- 1.8. Use of collections in research / facilitating research use of collections
- 1.9. Thin sections
- 1.10. Management and use of historical collections
- 1.11. The use of collections for historical research
- 1.12. Managing volunteers
- 1.13. What it is like for a non-geologist to enter the area

2. Geological Knowledge/Identifications

- 2.1. Common geological public enquiries
- 2.2. Fossil identification
- 2.3. Fossil arthropods and amber
- 2.4. Ichnology
- 2.5. Taxonomic nomenclature (palaeobotany)
- 2.6. Trilobites
- 2.7. Fossil identification – vertebrates
- 2.8. Fossil identification - USA specimens
- 2.9. Echinoderm identifications
- 2.10. Pleistocene fauna identification
- 2.11. Identification of Human Remains

- 2.12. Mineralogy
- 2.13. Mineral identification
- 2.14. Mineral classification systems
- 2.15. Gemmology,
- 2.16. Analytical methods in mineralogy and petrology
- 2.17. Petrology,
- 2.18. Rock identification
- 2.19. Hydrocarbon seeps,
- 2.20. Meteorites
- 2.21. Characterisation of lithic materials for archaeology and decorative arts
- 2.22. Yorkshire and Scottish geology,
- 2.23. Collecting in Scotland
- 2.24. New Zealand geology
- 2.25. Irish geological collection use and management
- 2.26. Economic geology

3. Conservation

- 3.1. Conservation
- 3.2. Preventive conservation
- 3.3. Label conservation
- 3.4. Hazards
- 3.5. Radioactivity and chemical hazards
- 3.6. Environmental monitoring and control solutions
- 3.7. Storing and moving geological collections
- 3.8. Storage solutions
- 3.9. Preparation of Fossil Vertebrate Material
- 3.10. Moulding and casting
- 3.11. Mould making in silicone rubber,
- 3.12. Casting in plaster
- 3.13. Microscopes; Repair/Service.

4. Geological Outreach/Exhibition/Public Engagement

- 4.1. Display, Exhibitions
- 4.2. Interpretative display
- 4.3. Interpretative planning
- 4.4. Interpretation methods
- 4.5. Outreach
- 4.6. Mineral and fossil outreach
- 4.7. USA specimens Outreach
- 4.8. Public programming (if relevant)
- 4.9. Use of collections in teaching
- 4.10. A-level geology

- 4.11. Social media
- 4.12. Palaeo art
- 4.13. Media management

5. Management/Grants/Advocacy/Networking

- 5.1. Management,
- 5.2. Collections advocacy
- 5.3. National networking
- 5.4. What it's like for a non-geologist to enter the area
- 5.5. Grant applications
- 5.6. Major building projects

6. Geoconservation

- 6.1. Site conservation and management/geoconservation

7. General

- 7.1. Any thought needed...
- 7.2. Just about anything that goes on in a major museum.
- 7.3. All