

## Plymouth Electron Microscopy Centre (PEMC)

### Research and Publications

The following publications have featured the PEMC in the last five years. If you have used the PEMC for your research paper, remember to let us know so that we can add you to our showcase of research:

Journal	Date	Article title	Author	Co-Author	PEMC detail
Chemical Geology	May 2015		Berry et al	NS in the PEMC	<ul style="list-style-type: none"> <li>High resolution imaging</li> </ul>
Geology	February 2015		Menegon et al		<ul style="list-style-type: none"> <li>Ack</li> <li>EBSD</li> </ul>
Systemic Entomology	2015	<i>Capeloatus prykei</i> gen. et sp.n. (Coleoptera: Dytiscidae: Copelatinae) – a phylogenetically isolated diving beetle from the Western Cape of South Africa	David Bilton	Emmanuel Tourraint Clive Turner Michael Balke	<ul style="list-style-type: none"> <li>SEM JEOL 6610 LV</li> <li>Ack: RM and GH</li> </ul>
Algal Research	2014	Lipid productivity and cell wall ultrastructure of 6 strains of <i>Nannochloropsis</i> : Implications for biofuel production and downstream processing	Tracey Beacham	Claire Bradley Daniel White Peter Bond Sohail T Ali	<ul style="list-style-type: none"> <li>Title: PEMC</li> <li>Section 2.5: TEM (JEOL 1200 Ex)</li> </ul>
Measurement Science & Technology	2010	Low refractive index gas sensing using a surface plasmon resonance fibre device	T Allsop	R Neal EM Davies C Mou <b>P Bond</b> S Rehman	<ul style="list-style-type: none"> <li>Title: PEMU</li> </ul>

				K Kalli D J Webb P Caslverhouse I Bennion	
Nature Communications	2014	Source identification of the Arctic sea ice proxy IP <sub>25</sub>	TA Brown	ST Belt A Tatarek CJ Mundy	<ul style="list-style-type: none"> <li>• JEOL 7001</li> <li>• Ack: PEMC</li> </ul>
Carbon	2014	Characterisation of the porous structure of Gilsocarbon graphite using pycnometry, cyclic porosimetry and void- network modelling	G Peter Matthews		<ul style="list-style-type: none"> <li>• Ack: PEMC</li> <li>• Supporting information section (EM images)</li> </ul>