SECU0021: Forensic Geoscience

View Online

'1969 FBI Soil Exam Video' <https://www.youtube.com/watch?v=1Op0-A752IY>

Abdulla S, 'The Buzzing Detective' [1999] news@nature

Allen TJ, Hoefler K and Rose S, 'The Transfer of Glass—Part 3' (1998) 93 Forensic Science International 195

Allen TJ and Scranage JK, 'The Transfer of Glass—Part 1' (1998) 93 Forensic Science International 167

Amendt J and others, 'Best Practice in Forensic Entomology—Standards and Guidelines' (2007) 121 International Journal of Legal Medicine 90

Amendt J and others, 'Forensic Entomology: Applications and Limitations' (2011) 7 Forensic Science, Medicine, and Pathology 379

'Analyzing Fluorescence Microscopy Images with ImageJ' <http://www.microscopist.co.uk/wp-content/uploads/2018/09/ImageJ_FL_Image_Analysis.pdf>

Anderson GS and Hobischak NR, 'Decomposition of Carrion in the Marine Environment in British Columbia, Canada' (2004) 118 International Journal of Legal Medicine

Bailey MJ and others, 'Evaluation of Particle-Induced X-Ray Emission and Particle-Induced γ-Ray Emission of Quartz Grains for Forensic Trace Sediment Analysis' (2012) 84 Analytical Chemistry 2260

Balding DJ and Buckleton J, 'Interpreting Low Template DNA Profiles' (2009) 4 Forensic Science International: Genetics 1

'BBC Four - Catching History's Criminals: The Forensics Story' <http://www.bbc.co.uk/programmes/p02l4p5x>

'BBC Radio 4 - Forensics in Crisis' <http://www.bbc.co.uk/programmes/b05sv09g/broadcasts/2015/05>

'BBC Radio 4 - The Infinite Monkey Cage, Series 12, Forensic Science' <http://www.bbc.co.uk/programmes/b064yglg>

'BBC Radio 4 - The Life Scientific, Niamh Nic Daeid' <http://www.bbc.co.uk/programmes/b062k9zz>

'BBC Radio 4 - The Report, Forensic Science' <http://www.bbc.co.uk/programmes/b01m68w2>

Beck, Richard A., 'Remote Sensing and GIS as Counterterrorism Tools in the Afghanistan War: A Case Study of the Zhawar Kili Region' 55 The Professional Geographer <https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_tayfranc10.1111%2F0033-0124.5502005&context=PC&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,Remote%20Sensing%20and%20GIS%20as%20Counterterrorism%20Tools%20for%20Homeland%20Security:%20The%20case%20of%20Afghanistan&sortby=rank&offset=0>

Bell S, Forensic Chemistry (Pearson Prentice Hall 2006)

Bernard Greenberg, 'Flies as Forensic Indicators' (1991) 28 Journal of Medical Entomology 565 <http://jme.oxfordjournals.org/content/28/5/565.long>

Bevan BW, 'The Search for Graves' (1991) 56 1310 <http://www.olemiss.edu/research/anthropology/haley/class2010/library/Bevan1991.pdf>

Brock JH and Norris DO, 'Forensic Botany: An under-Utilized Resource' (1997) 42 364 <https://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS14130J.htm>

Brown AG, 'The Use of Forensic Botany and Geology in War Crimes Investigations in NE Bosnia' (2006) 163 Forensic Science International 204

Brown, Antony G., 'The Combined Use of Pollen and Soil Analyses in a Search and Subsequent Murder Investigation' 47 Journal of Forensic Sciences 614 <https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_scopus2-s2.0-0036100201&context=PC&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,The%20combined%20use%20of%20pollen%20and%20petrologic%20analyses%20in%20a%20search%20and%20subsequent%20murder%20investigation&sortby=rank&offset=0>

Bryant VM and Jones GD, 'Forensic Palynology: Current Status of a Rarely Used Technique in the United States of America' (2006) 163 Forensic Science International 183

Bryant VM, Jones JG and Mildenhall DC, 'Forensic Palynology in the United States of America' (1990) 14 Palynology 193

Bugelli V and others, 'Forensic Entomology and the Estimation of the Minimum Time Since Death in Indoor Cases' (2015) 60 Journal of Forensic Sciences 525

Bull PA and others, 'The Transfer and Persistence of Trace Particulates: Experimental Studies Using Clothing Fabrics' (2006) 46 Science & Justice 185

——, 'The Transfer and Persistence of Trace Particulates: Experimental Studies Using Clothing Fabrics' (2006) 46 Science & Justice 185

Bull PA and Morgan RM, 'Sediment Fingerprints: A Forensic Technique Using Quartz Sand

Grains' (2006) 46 Science & Justice 107

Bull PA, Morgan RM and Freudiger-Bonzon J, 'A Critique of the Present Use of Some Geochemical Techniques in Geoforensic Analysis' (2008) 178 Forensic Science International e35

Bull PA, Parker A and Morgan RM, 'The Forensic Analysis of Soils and Sediment Taken from the Cast of a Footprint' (2006) 162 Forensic Science International 6

Cameron NG, 'The Use of Diatom Analysis in Forensic Geoscience' (2004) 232 277 <http://sp.lyellcollection.org/content/232/1/277>

'Catching History's Criminals: The Forensics Story' <http://www.bbc.co.uk/programmes/p02tydb7>

Catts EP and Goff ML, 'Forensic Entomology in Criminal Investigations' (1992) 37 Annual Review of Entomology 253

Cheshire K, Morgan RM and Holmes J, 'The Potential for Geochemical Discrimination of Single- and Mixed-Source Soil Samples from Close Proximity Urban Parkland Locations' (2017) 49 Australian Journal of Forensic Sciences 161

Chisum WJ and Turvey BE, Crime Reconstruction (2nd ed, Academic Press 2011) <http://www.sciencedirect.com/science/book/9780123864604>

Cole SA, 'Forensic Culture as Epistemic Culture: The Sociology of Forensic Science' (2013) 44 Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences 36

Cook R and others, 'A Hierarchy of Propositions: Deciding Which Level to Address in Casework' (1998) 38 Science & Justice 231

Cox EJ, 'Diatoms and Forensic Science' in Nicholas Márquez-Grant and Julie Roberts (eds), Forensic Ecology Handbook (John Wiley & Sons, Ltd 2012) <http://doi.wiley.com/10.1002/9781118374016.ch9>

Cox M, The Scientific Investigation of Mass Graves: Towards Protocols and Standard Operating Procedures (Cambridge University Press 2008)

Cox MR and Budhu M, 'A Practical Approach to Grain Shape Quantification' (2008) 96 Engineering Geology 1

——, 'A Practical Approach to Grain Shape Quantification' (2008) 96 Engineering Geology 1

'Crime Scene Creatures - Counting Rings to Catch a Murderer (PBS)' <http://www.pbs.org/wnet/nature/crime-scene-creatures-video-counting-rings-to-catch-a-murderer/5207/>

'Crime Scene Creatures - Diatom Detective (PBS)' <http://www.pbs.org/wnet/nature/crime-scene-creatures-video-diatom-detective/5208/>

Croft DJ and Pye K, 'The Potential Use of Continuous-Flow Isotope-Ratio Mass Spectrometry as a Tool in Forensic Soil Analysis: A Preliminary Report' (2003) 17 Rapid Communications in Mass Spectrometry 2581

Dachs J, McNaught IJ and Robertson J, 'The Persistence of Human Scalp Hair on Clothing Fabrics' (2003) 138 Forensic Science International 27

——, 'The Persistence of Human Scalp Hair on Clothing Fabrics' (2003) 138 Forensic Science International 27

Dawson LA and Hillier S, 'Measurement of Soil Characteristics for Forensic Applications' (2010) 42 Surface and Interface Analysis 363

Delabarde T and others, 'The Potential of Forensic Analysis on Human Bones Found in Riverine Environment' (2013) 228 Forensic Science International e1

Dent BB, Forbes SL and Stuart BH, 'Review of Human Decomposition Processes in Soil' (2004) 45 Environmental Geology 576

Dickson GC and others, 'Marine Bacterial Succession as a Potential Indicator of Postmortem Submersion Interval' (2011) 209 Forensic Science International 1

Drahl C and Widener A, 'Forcing Change In Forensic Science' (2014) 92 10 <http://cen.acs.org/articles/92/i19/Forcing-Change-Forensic-Science.html>

Etienne D and Jouffroy-Bapicot I, 'Optimal Counting Limit for Fungal Spore Abundance Estimation Using Sporormiella as a Case Study' (2014) 23 Vegetation History and Archaeobotany 743

Evett IW and others, 'Finding the Way Forward for Forensic Science in the US—A Commentary on the PCAST Report' (2017) 278 Forensic Science International 16

Fenning PJ and Donnelly LJ, 'Geophysical Techniques for Forensic Investigation' (2004) 232 11

Flanagan RJ, 'Cut Costs at All Costs!' (2018) 290 Forensic Science International e26

Forbes SL, Dent BB and Stuart BH, 'The Effect of Soil Type on Adipocere Formation' (2005) 154 Forensic Science International 35

Forbes SL, Stuart BH and Dent BB, 'The Identification of Adipocere in Grave Soils' (2002) 127 Forensic Science International 225

Forbes SL, Stuart BH and Dent BB, 'The Effect of the Burial Environment on Adipocere Formation' (2005) 154 Forensic Science International 24

'Forensic Entomology - The Crime Scene (Wellcome Collection)' <https://www.youtube.com/watch?v=HIVKISCmjTQ>

'Forensic Files Historic Cases Reel Danger' <https://www.youtube.com/watch?v=cXcYpd1iacM>

French, J, 'The Secondary Transfer of Gunshot Residue: An Experimental Investigation Carried out with SEM-EDX Analysis' [2014] X-RAY SPECTROMETRY <https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=UCL_EPR_DS1422146&context=L&vid=UCL_VU2&#65533;=en_US&search_scope=CSCOP_UCL&adaptor=Local%20Search%20Engine&tab=local&query=any,contains,The%20secondary%20transfer%20of%20gunshot%20residue:%20an%20experimental%20investigation%20carried%20out%20with%20SEM-EDX%20analysis&sortby=rank>

French JC and others, 'Multiple Transfers of Particulates and Their Dissemination within Contact Networks' (2012) 52 Science & Justice 33

——, 'Multiple Transfers of Particulates and Their Dissemination within Contact Networks' (2012) 52 Science & Justice 33

'From Eggs to Maggots' <http://www.pbs.org/wnet/nature/crime-scene-creatures-video-from-eggs-to-maggots/5209/>

G. Clark Davenport, 'Remote Sensing Applications in Forensic Investigations' (2001) 35 Historical Archaeology 87 <http://www.jstor.org/stable/25616896?Search=yes&resultItemClick=true&&searchUri=%2Faction%2FdoAdvancedSearch%3Facc%3Don%26amp%3Bq6%3D%26amp%3Bf0%3Dall%26amp%3Bc4%3DAND%26amp%3Bc2%3DAND%26amp%3Bq1%3D%26amp%3Bc1%3DAND%26amp%3Bc3%3DAND%26amp%3Bf4%3Dall%26amp%3Bf1%3Dall%26amp%3Bsd%3D%26amp%3Bq5%3D%26amp%3Bf6%3Dall%26amp%3Bgroup%3Dnone%26amp%3Bpt%3D%26amp%3Bq4%3D%26amp%3Bc5%3DAND%26amp%3Bf3%3Dall%26amp%3Bisbn%3D%26amp%3Bed%3D%26amp%3Bf5%3Dall%26amp%3Bq2%3D%26amp%3Bq0%3D%2BRemote%2Bsensing%2Bapplications%2Bin%2Bforensic%2Binvestigations%26amp%3Bla%3D%26amp%3Bq3%3D%26amp%3Bc6%3DAND%26amp%3Bf2%3Dall&seq=1#page_scan_tab_contents>

Garrett, Brandon L., 'Invalid Forensic Science Testimony and Wrongful Convictions' 95 Virginia Law Review 1 <https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_scopus2-s2.0-65349105013&context=PC&vid=UCL_VU2&#65533;=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,Invalid%20Forensic%20Science%20Testimony%20and%20Wrongful%20Convictions&sortby=rank>

'Gepard GPR Ground Penetrating Radar - Applications and Functionality' <https://www.youtube.com/watch?v=JQAeExJwjpE>

Green N, 'Get Ready for CSI: Soil' <https://www.theguardian.com/science/blog/2011/sep/13/forensic-science-content-transference>

Grieve MC, 'Glitter Particles—an Unusual Source of Trace Evidence?' (1987) 27 Journal of the Forensic Science Society 405

Grieve MC, Dunlop J and Haddock PS, 'Transfer Experiments with Acrylic Fibres' (1989) 40 Forensic Science International 267

Haglund W and Sorg M (eds), Forensic Taphonomy (CRC Press 1996) <http://www.crcnetbase.com/doi/book/10.1201/9781439821923>

Hamzelou J, 'Hair Analysis on Trial after FBI Admits to Using Flawed Evidence' <https://www.newscientist.com/article/dn27386-hair-analysis-on-trial-after-fbi-admits-to-using-flawed-evidence/#.VTnvtpOcvvs>

Hansen JD and Pringle JK, 'Comparison of Magnetic, Electrical and Ground Penetrating Radar Surveys to Detect Buried Forensic Objects in Semi-Urban and Domestic Patio Environments' (2013) 384 229

Hanson ID, 'The Importance of Stratigraphy in Forensic Investigation' (2004) 232 Geological Society, London, Special Publications 39

Hawksworth DL and Wiltshire PEJ, 'Forensic Mycology: The Use of Fungi in Criminal Investigations' (2011) 206 Forensic Science International 1

——, 'Forensic Mycology: The Use of Fungi in Criminal Investigations' (2011) 206 Forensic Science International 1

Holzer, Thomas L., 'Seismograms Offer Insight into Oklahoma City Bombing' 77 Eos <https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_georef1997-016939&context=PC&vid=UCL_VU2□=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,Seismograms%20Offer%20Insight%20Into%20Oklahoma%20City%20Bombing&sortby=rank>

Horrocks M and Walsh KAJ, 'Forensic Palynology: Assessing the Value of the Evidence' (1998) 103 Review of Palaeobotany and Palynology 69

Horrocks, Mark, 'Fine Resolution of Pollen Patterns in Limited Space: Differentiating a Crime Scene and Alibi Scene Seven Meters Apart' 44 Journal of Forensic Sciences 417 <https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_proquest219695512&context=PC&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,Fine%20resolution%20of%20pollen%20patterns%20in%20limited%20space:%20differentiating%20a%20crime%20scene%20and%20alibi%20scene%20seven%20meters%20apart.&sortby=rank>

——, 'Forensic Palynology: Variation in the Pollen Content of Soil Surface Samples' 43 Journal of Forensic Sciences <https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_proquest219694836&context=PC&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,Forensic%20palynology:%20variation%20in%20the%20pollen%20content%20of%20soil%20surface%20samples&sortby=rank>

Igathinathane C and others, 'Sieveless Particle Size Distribution Analysis of Particulate Materials through Computer Vision' (2009) 66 Computers and Electronics in Agriculture 147

Inman K and Rudin N, 'The Origin of Evidence' (2002) 126 Forensic Science International

11

——, 'The Origin of Evidence' (2002) 126 Forensic Science International 11

'Inspecting Detectives, The Long Shadow of the World's End' <http://www.bbc.co.uk/programmes/b06cy69y>

Jantunen J and Saarinen K, 'Pollen Transport by Clothes' (2011) 27 Aerobiologia 339

Jasanoff S, 'Law's Knowledge: Science for Justice in Legal Settings' (2005) 95 American Journal of Public Health S49

——, 'Just Evidence: The Limits of Science in the Legal Process' (2006) 34 The Journal of Law, Medicine Ethics 328

'Jonathan Drori: Every Pollen Grain Has a Story' <https://www.youtube.com/watch?v=vXDJ-nAykKE&feature=youtu.be>

Jonathan. J. Koehler MJS, 'The Individualization Fallacy in Forensic Science Evidence' (2008) 61 199 <http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1432516>

Keiper JB and Casamatta DA, 'Benthic Organisms as Forensic Indicators' (2001) 20 Journal of the North American Benthological Society 311

Kiely TF, Forensic Evidence: Science and the Criminal Law (Second edition, CRC Press 2006) <http://dx.doi.org/10.1201/9781420038064>

Kirk PL, Crime Investigation (John I Thornton ed, Second edition, John Wiley & Sons 1974)
Kloster, Michael, Fragilariopsis Kerguelensis Images from Sediment Core PS1768-8, Supplement to: Kloster, Michael; Kauer, Gerhard; Beszteri, Bánk (2014): SHERPA: An Image Segmentation and Outline Feature Extraction Tool for Diatoms and Other Objects. BMC Bioinformatics, 15(1), 218 (PANGAEA - Data Publisher for Earth & Environmental Science 2014)
<https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_datacite3780485&context=PC&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,Kloster,%20M.,%20Kauer,%20G.,%20&%20Beszteri,%20B.%20(2014).%20SHERPA:%20an%20image%20segmentation%20and%20outline%20feature%20extraction%20tool%20for%20diatoms%20and%20other%20objects.%20BMC%20bioinformatics,%2015(1),%20218.&sortby=rank&offset=0>

——, 'Measurements of Valves of the Diatom Fragilariopsis Kerguelensis from Southern Ocean Sediment Core PS1768-8, Supplement to: Kloster, Michael; Kauer, Gerhard; Esper, Oliver; Fuchs, Nike; Beszteri, Bánk (2018): Morphometry of the Diatom Fragilariopsis Kerguelensis from Southern Ocean Sediment: High-Throughput Measurements Show Second Morphotype Occurring during Glacials. Marine Micropaleontology' (2018)
<https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_datacite15843521&context=PC&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,Kloster,%20M.,%20Kauer,%20G.,%20Esper,%20O.,%20Fuchs,%20N.,%20&%20Beszteri,%20B.%20(2018).%20Morphometry%20of%20the%20diatom%20Fragilariopsis%20kerguelensis%20from%20Southern%20Ocean%20sediment:%20High-throughput%20measurements%20show%20second%20morphotype%20occurring%20during%20glacials.

%20Marine%20Micropaleontology,%20143,%2070-79.&sortby=rank>

Konopinski DI and others, 'Investigation of Quartz Grain Surface Textures by Atomic Force Microscopy for Forensic Analysis' (2012) 223 Forensic Science International 245

Koper KD and others, 'Forensic Seismology and the Sinking of the Kursk [textit{Kursk}]' (2001) 82 Eos, Transactions American Geophysical Union 37

Levin EA and others, 'A Comparison of Thresholding Methods for Forensic Reconstruction Studies Using Fluorescent Powder Proxies for Trace Materials' [2018] Journal of Forensic Sciences

——, 'A Comparison of Thresholding Methods for Forensic Reconstruction Studies Using Fluorescent Powder Proxies for Trace Materials' [2018] Journal of Forensic Sciences

Maehly A and Williams RL (eds), Forensic Science Progress 5, vol 5 (Springer Berlin Heidelberg 1991) <http://link.springer.com/10.1007/978-3-642-58233-2>

Magni PA and others, 'Evaluation of the Floating Time of a Corpse Found in a Marine Environment Using the Barnacle Lepas Anatifera L. (Crustacea: Cirripedia: Pedunculata)' (2015) 247 Forensic Science International e6

Márquez-Grant N and Roberts J, Forensic Ecology Handbook: From Crime Scene to Court (Wiley-Blackwell 2012) <http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3189830300004761&institutionId=4761&customerId=4760>

—— (eds), Forensic Ecology Handbook (John Wiley & Sons, Ltd 2012) <http://doi.wiley.com/10.1002/9781118374016>

Mateus M, de Pablo H and Vaz N, 'An Investigation on Body Displacement after Two Drowning Accidents' (2013) 229 Forensic Science International e6

Mazzoli A and Favoni O, 'Particle Size, Size Distribution and Morphological Evaluation of Airborne Dust Particles of Diverse Woods by Scanning Electron Microscopy and Image Processing Program' (2012) 225 Powder Technology 65

Mazzoli A and Moriconi G, 'Particle Size, Size Distribution and Morphological Evaluation of Glass Fiber Reinforced Plastic (GRP) Industrial by-Product' (2014) 67 Micron 169

McCulloch G and others, 'The Identification of Markers for Geoforensic HPLC Profiling at Close Proximity Sites' (2017) 272 Forensic Science International 127

Merritt RW and Wallace JR, 'The Role of Aquatic Insects in Forensic Investigations' in Jason H Byrd and James L Castner (eds), Forensic entomology : the utility of arthropods in legal investigations (CRC Press 2000) <http://explore.bl.uk/primo_library/libweb/action/display.do?frbrVersion=2&tabs=moreTab&ct=display&fn=search&doc=BLL01010447216&indx=1&recIds=BLL01010447216&recIdxs=0&elementId=0&renderMode=poppedOut&displayMode=full&frbrVersion=2&dscnt=1&scp.scps=scope%3A%28BLCONTENT%29&frbg=&tab=local_tab&dstmp=1477947071905&srt=rank&mode=Basic&vl(488279563UI0)=any&dum=true&tb=t&vl(

freeText0)=Forensic%20entomology%3B%20the%20utility%20of%20arthropods%20in%20legal%20investigations.&vid=BLVU1>

Michael Lynch and Sheila Jasanoff, 'Introduction: Contested Identities: Science, Law and Forensic Practice' (1998) 28 Social Studies of Science 675 <http://www.jstor.org/stable/285513?Search=yes&resultItemClick=true&&searchUri=%2Faction%2FdoAdvancedSearch%3Fc5%3DAND%26amp%3Bq2%3D%26amp%3Bf4%3Dall%26amp%3Bf2%3Dall%26amp%3Bla%3D%26amp%3Bpt%3D%26amp%3Bq4%3D%26amp%3Bq6%3D%26amp%3Bc4%3DAND%26amp%3Bf6%3Dall%26amp%3Bf3%3Dall%26amp%3Bq0%3DContested%2BIdentities%253A%2Bscience%252C%2Blaw%2Band%2Bforensic%2Bpractice%26amp%3Bc3%3DAND%26amp%3Bf0%3Dall%26amp%3Bacc%3Don%26amp%3Bc1%3DAND%26amp%3Bq1%3D%26amp%3Bf1%3Dall%26amp%3Bc6%3DAND%26amp%3Bf5%3Dall%26amp%3Bq3%3D%26amp%3Bisbn%3D%26amp%3Bed%3D%26amp%3Bsd%3D%26amp%3Bc2%3DAND%26amp%3Bq5%3D%26amp%3Bgroup%3Dnone&seq=1#page_scan_tab_contents>

Micropalaeontological Society, The Archaeological and Forensic Applications of Microfossils: A Deeper Understanding of Human History (Mark Williams and others eds, Published for the Micropalaeontological Society by the Geological Society 2017)

Mildenhall DC, 'Forensic Palynology in New Zealand' (1990) 64 Review of Palaeobotany and Palynology 227

——, 'Hypericum Pollen Determines the Presence of Burglars at the Scene of a Crime: An Example of Forensic Palynology' (2006) 163 Forensic Science International 231

Mildenhall DC, Wiltshire PEJ and Bryant VM, 'Forensic Palynology: Why Do It and How It Works' (2006) 163 Forensic Science International 163

Missing Persons (Routledge 2016) <https://www.taylorfrancis.com/books/9781315595603>

Moore PD, Webb JA and Collinson ME, Pollen Analysis (2nd ed, Blackwell Scientific Publications 1991)

Morgan, RM, 'The Forensic Analysis of Sediments Recovered from Footwear', Criminal and Environmental Soil Forensics (Springer 2009) <https://ucl.primo.exlibrisgroup.com/permalink/44UCL_INST/167dvkm/alma9931231541804761>

——, 'The Relevance of the Evolution of Experimental Studies for the Interpretation and Evaluation of Some Trace Physical Evidence' [2009] Science & Justice <https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=UCL_EPR_DS84827&context=L&vid=UCL_VU2□=en_US&search_scope=CSCOP_UCL&adaptor=Local%20Search%20Engine&tab=local&query=any,contains,The%20relevance%20of%20the%20evolution%20of%20experimental%20studies%20for%20the%20interpretation%20and%20evaluation%20of%20some%20trace%20physical%20evidence&sortby=rank&offset=0>

——, 'The Spatial and Temporal Distribution of Pollen in a Room: Forensic Implications.' <https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=UCL_EPR_DS1425730&context=L&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adapt

or=Local%20Search%20Engine&tab=local&query=any,contains,The%20spatial%20and%20temporal%20distribution%20of%20pollen%20in%20a%20room:%20Forensic%20implications&sortby=rank>

——, Conceptualising Forensic Science and Forensic Reconstruction. Part I: A Conceptual Model (2017) <https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=UCL_EPR_DS1563693&context=L&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=Local%20Search%20Engine&tab=local&query=any,contains,Morgan,%20R.%20M.%20(2017).%20Conceptualising%20forensic%20science%20and%20forensic%20reconstruction.%20Part%20I:%20A%20conceptual%20model.%20Science%20&%20Justice,%2057(6),%20455-459.&sortby=rank>

Morgan RM and others, 'The Role of Forensic Geoscience in Wildlife Crime Detection' (2006) 162 Forensic Science International 152

——, 'The Role of Forensic Geoscience in Wildlife Crime Detection' (2006) 162 Forensic Science International 152

Morgan RM and others, 'The Relevance of the Evolution of Experimental Studies for the Interpretation and Evaluation of Some Trace Physical Evidence' (2009) 49 Science & Justice 277

Morgan RM and others, 'Quartz Grain Surface Textures of Soils and Sediments from Canberra, Australia: A Forensic Reconstruction Tool' (2010) 42 Australian Journal of Forensic Sciences 169

Morgan RM and others, 'The Reincorporation and Redistribution of Trace Geoforensic Particulates on Clothing: An Introductory Study' (2010) 50 Science & Justice 195

——, 'The Recovery of Pollen Evidence from Documents and Its Forensic Implications' (2013) 53 Science & Justice 375

——, 'Experimental Forensic Studies of the Preservation of Pollen in Vehicle Fires' (2014) 54 Science & Justice 141

——, 'Experimental Forensic Studies of the Preservation of Pollen in Vehicle Fires' (2014) 54 Science & Justice 141

Morgan RM and Bull PA, 'Data Interpretation in Forensic Sediment and Soil Geochemistry' (2006) 7 Environmental Forensics 325

——, 'Data Interpretation in Forensic Sediment and Soil Geochemistry' (2006) 7 Environmental Forensics 325

Morgan RM and Bull PA, 'Forensic Geoscience and Crime Detection: Identification, Interpretation and Presentation in Forensic Geoscience' (2007) 127 73 <http://www.geog.ox.ac.uk/staff/pbull_pub01.pdf>

Morgan RM and Bull PA, 'The Philosophy, Nature and Practice of Forensic Sediment Analysis' (2007) 31 Progress in Physical Geography 43

Morgan RM and Bull PA, 'The Philosophy, Nature and Practice of Forensic Sediment Analysis' (2007) 31 Progress in Physical Geography 43

Muccio Z and Jackson GP, 'Isotope Ratio Mass Spectrometry' (2009) 134 The Analyst 213
Nakagawa, T, 'Dense-Media Separation as a More Efficient Pollen Extraction Method for Use with Organic Sediment/Deposit Samples: Comparison with the Conventional Method' 27 Boreas 15
<https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_wos000073443500002&context=PC&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,Nakagawa,%20T.%20Brugiapaglia,%20E.,%20Digerfeldt,%20G.%20Reille,%20M.%20De%20Beaulieu,%20J-L.%20and.%20Yasuda,%20Y%201998.%20Dense-media%20separation%20as%20a%20more%20efficient%20pollen%20extraction%20method%20for%20use%20with%20organic%20sediment%2Fdeposit%20samples:%20comparison%20with%20the%20conventional%20method.%20Boreas%2027,&sortby=rank>

Newell AJ and others, 'Automated Texture Recognition of Quartz Sand Grains for Forensic Applications*' (2012) 57 Journal of Forensic Sciences 1285

——, 'Automated Texture Recognition of Quartz Sand Grains for Forensic Applications*' (2012) 57 Journal of Forensic Sciences 1285

Parker R and others, 'Geophysics and the Search of Freshwater Bodies: A Review' (2010) 50 Science & Justice 141

Peabody AJ and Cameron NG, 'Forensic Science and Diatoms' in John P Smol and Eugene F Stoermer (eds), The Diatoms (Cambridge University Press 2010)
<http://ebooks.cambridge.org/ref/id/CBO9780511763175A041>

Piette MHA and De Letter EA, 'Drowning: Still a Difficult Autopsy Diagnosis' (2006) 163 Forensic Science International 1

'Plant Detectives: How Brambles Can Help Solve Murder Cases - Dr Mark Spencer'
<http://www.bbc.co.uk/programmes/articles/5q2xGXDZv0S7hg3KQl11vNg/plant-detectives-how-bramble-and-co-can-help-solve-crimes>

'Police Divers & Underwater Investigations'
<http://lawofficer.com/archive/police-divers-underwater-investigations/>

Pollanen MS, 'Diatoms and Homicide' (1998) 91 Forensic Science International 29

Pounds CA and Smalldon KW, 'The Transfer of Fibres between Clothing Materials During Simulated Contacts and Their Persistence During Wear' (1975) 15 Journal of the Forensic Science Society 29

Pringle JK and others, 'Establishing Forensic Search Methodologies and Geophysical Surveying for the Detection of Clandestine Graves in Coastal Beach Environments' (2012) 219 Forensic Science International e29

Pringle JK and others, 'The Use of Geoscience Methods for Terrestrial Forensic Searches' (2012) 114 Earth-Science Reviews 108

Pye K and others, 'Forensic Comparison of Soil Samples: Assessment of Small-Scale Spatial Variability in Elemental Composition, Carbon and Nitrogen Isotope Ratios, Colour, and Particle Size Distribution' (2006) 163 Forensic Science International 59

Pye K and Croft D, 'Forensic Analysis of Soil and Sediment Traces by Scanning Electron Microscopy and Energy-Dispersive X-Ray Analysis: An Experimental Investigation' (2007) 165 Forensic Science International 52

Pye K, Croft DJ, and Geological Society of London, Forensic Geoscience: Principles, Techniques and Applications, vol 232 (Geological Society 2004)

Quaak FCA and Kuiper I, 'Statistical Data Analysis of Bacterial T-RFLP Profiles in Forensic Soil Comparisons' (2011) 210 Forensic Science International 96

Rawlins BG and others, 'Potential and Pitfalls in Establishing the Provenance of Earth-Related Samples in Forensic Investigations' (2006) 51 Journal of Forensic Sciences 832

Rawlins BG and Cave M, 'Investigating Multi-Element Soil Geochemical Signatures and Their Potential for Use in Forensic Studies' (2004) 232 197

'Reference and Research Book News' (2001) 16 <https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_proquest199526850&context=PC&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,Houck,%20M.%20M.%20(2001).%20Mute%20witnesses:%20Trace%20evidence%20analysis:%20Academic%20Press.&sortby=rank>

Reidy L and others, 'Elemental Fingerprinting of Soils Using ICP-MS and Multivariate Statistics: A Study for and by Forensic Chemistry Majors' (2013) 233 Forensic Science International 37

Riding, Jb, 'Changes in Soil Pollen Assemblages on Footwear Worn at Different Sites' 31 Palynology 135 <https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_wos000252435100014&context=PC&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,Riding%20JB,%20Rawlins%20BG,%20Coley%20KH.%20Changes%20in%20soil%20pollen%20assemblages%20on%20footwear%20worn%20at%20different%20sites.%20Palynology%202007;31:135%E2%80%93151.&sortby=rank>

Ritz K, Dawson L and Miller D, Criminal and Environmental Soil Forensics (Springer 2009) <https://ebookcentral.proquest.com/lib/ucl/detail.action?docID=417347>

Ruffell A, 'Under-Water Scene Investigation Using Ground Penetrating Radar (GPR) in the Search for a Sunken Jet Ski, Northern Ireland' (2006) 46 Science & Justice 221

——, 'Forensic Pedology, Forensic Geology, Forensic Geoscience, Geoforensics and Soil Forensics' (2010) 202 Forensic Science International 9

Ruffell A and McKinley J, 'Forensic Geoscience: Applications of Geology, Geomorphology and Geophysics to Criminal Investigations' (2005) 69 Earth-Science Reviews 235

——, ‘Forensic Geoscience: Applications of Geology, Geomorphology and Geophysics to Criminal Investigations’ (2005) 69 Earth-Science Reviews 235

——, Geoforensics (John Wiley & Sons, Ltd 2008) <http://doi.wiley.com/10.1002/9780470758854>

——, Geoforensics (John Wiley & Sons, Ltd 2008) <http://doi.wiley.com/10.1002/9780470758854>

——, ‘Forensic Geomorphology’ (2014) 206 Geomorphology 14

Ruffell A, Pringle JK and Forbes S, ‘Search Protocols for Hidden Forensic Objects beneath Floors and within Walls’ (2014) 237 Forensic Science International 137

Ruffell A and Wiltshire P, ‘Conjunctive Use of Quantitative and Qualitative X-Ray Diffraction Analysis of Soils and Rocks for Forensic Analysis’ (2004) 145 Forensic Science International 13

Saferstein R, Criminalistics: An Introduction to Forensic Science (Edition 11, global edition, Pearson 2015)

——, Criminalistics: An Introduction to Forensic Science (Edition 11, global edition, Pearson 2015)

Schneider CA, Rasband WS and Eliceiri KW, ‘NIH Image to ImageJ: 25 Years of Image Analysis’ (2012) 9 Nature Methods 671

——, ‘NIH Image to ImageJ: 25 Years of Image Analysis’ (2012) 9 Nature Methods 671

Schulze K and others, ‘PlanktoVision – an Automated Analysis System for the Identification of Phytoplankton’ (2013) 14 BMC Bioinformatics

Schweitzer, N.J., ‘THE CSI EFFECT: POPULAR FICTION ABOUT FORENSIC SCIENCE AFFECTS THE PUBLIC’S EXPECTATIONS ABOUT REAL FORENSIC SCIENCE’ 47 Jurimetrics 357 <https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_jstor_archive_1229762978&context=PC&vid=UCL_VU2□=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,HE%20CSI%20EFFECT:%20POPULAR%20FICTION%20ABOUT%20FORENSIC%20SCIENCE%20AFFECTS%20THE%20PUBLIC%27S%20EXPECTATIONS%20ABOUT%20REAL%20FORENSIC%20SCIENCE&sortby=rank>

Scott J and Hunter JR, ‘Environmental Influences on Resistivity Mapping for the Location of Clandestine Graves’ (2004) 232 33

——, ‘Environmental Influences on Resistivity Mapping for the Location of Clandestine Graves’ (2004) 232 Geological Society, London, Special Publications 33

Scott KR and others, ‘The Transferability of Diatoms to Clothing and the Methods Appropriate for Their Collection and Analysis in Forensic Geoscience’ (2014) 241 Forensic Science International 127

‘SERIAL’ <https://serialpodcast.org/>

Siver PA, Lord WD and McCarthy DJ, 'Forensic Limnology: The Use of Freshwater Algal Community Ecology to Link Suspects to an Aquatic Crime Scene in Southern New England' (1994) 39 847 <https://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS13663J.htm>

Slot A and others, 'Tracers as Invisible Evidence — The Transfer and Persistence of Flock Fibres during a Car Exchange' (2017) 275 Forensic Science International 178

'Solved- Trace Evidence' <https://www.youtube.com/watch?v=AMmSCXzmxD4>

Stover E, Haglund WD and Samuels M, 'Exhumation of Mass Graves in Iraq' (2003) 290 JAMA

Sugita R and Marumo Y, 'Validity of Color Examination for Forensic Soil Identification' (1996) 83 Forensic Science International 201

——, 'Screening of Soil Evidence by a Combination of Simple Techniques: Validity of Particle Size Distribution' (2001) 122 Forensic Science International 155

'The "CSI Effect"' <http://www.economist.com/node/15949089>

'The Fascinating Process of Human Decomposition' <https://www.youtube.com/watch?v=OFJrow7yaec&feature=youtu.be>

'The Forensics Library' <http://aboutforensics.co.uk/>

'The Murder Trial' <https://learningonscreen.ac.uk/ondemand/index.php/prog/057FF632?bcast=98658101>

'The Soil Sleuth' <https://www.youtube.com/watch?v=NyurHTD2Kro>

Thompson WC and Schumann EL, 'Interpretation of Statistical Evidence in Criminal Trials: The Prosecutor's Fallacy and the Defense Attorney's Fallacy.' (1987) 11 Law and Human Behavior 167

Tibbett M and Carter DO (eds), Soil Analysis in Forensic Taphonomy : Chemical and Biological Effects of Buried Human Remains (CRC 2008) <http://explore.bl.uk/primo_library/libweb/action/display.do?tabs=moreTab&ct=display&fn=search&doc=BLL01014458757&indx=1&recIds=BLL01014458757&recIdxs=0&elementId=0&renderMode=poppedOut&displayMode=full&frbrVersion=&dscnt=1&scp.scps=scope%3A%28BLCONTENT%29&frbg=&tab=local_tab&dstmp=1477944307615&srt=rank&mode=Basic&vl(488279563UI0)=any&dum=true&tb=t&vl(freeText0)=soil%20analysis%20in%20forensic%20taphonomy%20chemical%20and%20biological%20effects%20of%20buried%20human%20remains&vid=BLVU1>

'Underwater Forensics Robot on Beyond Tomorrow' <http://www.dailymotion.com/video/x2xj6jp>

'Underwater Forensics (Science Channel)' <http://www.sciencechannel.com/tv-shows/science-channel-presents/videos/discoveries-th

is-week-underwater-forensics/>

'Undisclosed' <http://undisclosed-podcast.com/>

'Waxing Historical: A Potted History of Adipocere' <https://www.youtube.com/watch?v=apLz4uT6jWY&feature=youtu.be>

White P, Crime Scene to Court: The Essentials of Forensic Science (2nd ed, Royal Society of Chemistry 2004)

Wiltshire PEJ, 'Consideration of Some Taphonomic Variables of Relevance to Forensic Palynological Investigation in the United Kingdom' (2006) 163 Forensic Science International 173

——, 'Consideration of Some Taphonomic Variables of Relevance to Forensic Palynological Investigation in the United Kingdom' (2006) 163 Forensic Science International 173

Wiltshire PEJ and Black S, 'The Cribriform Approach to the Retrieval of Palynological Evidence from the Turbinates of Murder Victims' (2006) 163 Forensic Science International 224

Young JM, Weyrich LS and Cooper A, 'Forensic Soil DNA Analysis Using High-Throughput Sequencing: A Comparison of Four Molecular Markers' (2014) 13 Forensic Science International: Genetics 176

Zala, Krista, 'Dirty Science: Soil Forensics Digs into New Techniques' 318 Science 386 <https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_jstor_archive_2320051376&context=PC&vid=UCL_VU2[]=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,Dirty%20Science:%20Soil%20Forensics%20Digs%20Into%20New%20Techniques&sortby=rank>

Zavada MS, McGraw SM and Miller MA, 'The Role of Clothing Fabrics as Passive Pollen Collectors in the North-eastern United States' (2007) 46 Grana 285

Zimmerman KA and Wallace JR, 'The Potential to Determine a Postmortem Submersion Interval Based on AlgalDiatom Diversity on Decomposing Mammalian Carcasses in Brackish Ponds in Delaware' (2008) 53 Journal of Forensic Sciences 935