

SECU0021: Forensic Geoscience

[View Online](#)

'1969 FBI Soil Exam Video', 8AD <<https://www.youtube.com/watch?v=1Op0-A752IY>>

Abdulla, Sara, 'The Buzzing Detective', News@nature, 1999
<<https://doi.org/10.1038/news990923-2>>

Allen, T.J., K Hoefer, and S Rose, 'The Transfer of Glass—Part 3', Forensic Science International, 93.2-3 (1998), 195-200 <[https://doi.org/10.1016/S0379-0738\(98\)00043-7](https://doi.org/10.1016/S0379-0738(98)00043-7)>

Allen, T.J., and J.K Scranage, 'The Transfer of Glass—Part 1', Forensic Science International, 93.2-3 (1998), 167-74 <[https://doi.org/10.1016/S0379-0738\(98\)00041-3](https://doi.org/10.1016/S0379-0738(98)00041-3)>

Amendt, J., C. S. Richards, C. P. Campobasso, R. Zehner, and M. J. R. Hall, 'Forensic Entomology: Applications and Limitations', Forensic Science, Medicine, and Pathology, 7.4 (2011), 379-92 <<https://doi.org/10.1007/s12024-010-9209-2>>

Amendt, Jens, Carlo P. Campobasso, Emmanuel Gaudry, Christian Reiter, Hélène N. LeBlanc, and Martin J. R. Hall, 'Best Practice in Forensic Entomology—Standards and Guidelines', International Journal of Legal Medicine, 121.2 (2007), 90-104
<<https://doi.org/10.1007/s00414-006-0086-x>>

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

Anderson, G.S., and N.R. Hobischak, 'Decomposition of Carrion in the Marine Environment in British Columbia, Canada', International Journal of Legal Medicine, 118.4 (2004)
<<https://doi.org/10.1007/s00414-004-0447-2>>

Bailey, M. J., R. M. Morgan, P. Comini, S. Calusi, and P. A. Bull, 'Evaluation of Particle-Induced X-Ray Emission and Particle-Induced γ -Ray Emission of Quartz Grains for Forensic Trace Sediment Analysis', Analytical Chemistry, 84.5 (2012), 2260-67
<<https://doi.org/10.1021/ac2028722>>

Balding, David J., and John Buckleton, 'Interpreting Low Template DNA Profiles', Forensic Science International: Genetics, 4.1 (2009), 1-10
<<https://doi.org/10.1016/j.fsgen.2009.03.003>>

'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', *The Professional Geographer*, 55.2
<<https://doi.org/10.1111/0033-0124.5502005>>

Bell, Suzanne, *Forensic Chemistry* (Upper Saddle River, N.J.: Pearson Prentice Hall, 2006)

Bernard Greenberg, 'Flies as Forensic Indicators', *Journal of Medical Entomology*, 28.5 (1991), 565–77 <<http://jme.oxfordjournals.org/content/28/5/565.long>>

Bevan, Bruce W., 'The Search for Graves', 56.9 (1991), 1310–19
<<http://www.olemiss.edu/research/anthropology/haley/class2010/library/Bevan1991.pdf>>

Brock, J. H., and D. O. Norris, 'Forensic Botany: An under-Utilized Resource', 42.3 (1997), 364–67
<https://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS14130J.htm>

Brown, A.G., 'The Use of Forensic Botany and Geology in War Crimes Investigations in NE Bosnia', *Forensic Science International*, 163.3 (2006), 204–10
<<https://doi.org/10.1016/j.forsciint.2006.05.025>>

Brown, Antony G., 'The Combined Use of Pollen and Soil Analyses in a Search and Subsequent Murder Investigation', *Journal of Forensic Sciences*, 47.3, 614–18
<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, Vaughn M., and Gretchen D. Jones, 'Forensic Palynology: Current Status of a Rarely Used Technique in the United States of America', *Forensic Science International*, 163.3 (2006), 183–97 <<https://doi.org/10.1016/j.forsciint.2005.11.021>>

Bryant, Vaughn M., John G. Jones, and Dallas C. Mildenhall, 'Forensic Palynology in the United States of America', *Palynology*, 14.1 (1990), 193–208
<<https://doi.org/10.1080/01916122.1990.9989380>>

Bugelli, Valentina, David Forni, Luciani Alessandro Bassi, Marco Di Paolo, Damiano Marra, Scilla Lenzi, and others, 'Forensic Entomology and the Estimation of the Minimum Time

'Since Death in Indoor Cases', *Journal of Forensic Sciences*, 60.2 (2015), 525–31
[<https://doi.org/10.1111/1556-4029.12647>](https://doi.org/10.1111/1556-4029.12647)

Bull, P.A., and R.M. Morgan, 'Sediment Fingerprints: A Forensic Technique Using Quartz Sand Grains', *Science & Justice*, 46.2 (2006), 107–24
[<https://doi.org/10.1016/S1355-0306\(06\)71581-7>](https://doi.org/10.1016/S1355-0306(06)71581-7)

Bull, P.A., R.M. Morgan, and J. Freudiger-Bonzon, 'A Critique of the Present Use of Some Geochemical Techniques in Geoforensic Analysis', *Forensic Science International*, 178.2–3 (2008), e35–40 [<https://doi.org/10.1016/j.forsciint.2007.09.003>](https://doi.org/10.1016/j.forsciint.2007.09.003)

Bull, P.A., R.M. Morgan, A. Sagovsky, and G.J.A. Hughes, 'The Transfer and Persistence of Trace Particulates: Experimental Studies Using Clothing Fabrics', *Science & Justice*, 46.3 (2006), 185–95 [<https://doi.org/10.1016/S1355-0306\(06\)71592-1>](https://doi.org/10.1016/S1355-0306(06)71592-1)

———, 'The Transfer and Persistence of Trace Particulates: Experimental Studies Using Clothing Fabrics', *Science & Justice*, 46.3 (2006), 185–95
[<https://doi.org/10.1016/S1355-0306\(06\)71592-1>](https://doi.org/10.1016/S1355-0306(06)71592-1)

Bull, Peter A., Adrian Parker, and Ruth M. Morgan, 'The Forensic Analysis of Soils and Sediment Taken from the Cast of a Footprint', *Forensic Science International*, 162.1–3 (2006), 6–12 [<https://doi.org/10.1016/j.forsciint.2006.06.075>](https://doi.org/10.1016/j.forsciint.2006.06.075)

Cameron, N. G., 'The Use of Diatom Analysis in Forensic Geoscience', 232 (2004), 277–80
[<https://doi.org/10.1144/GSL.SP.2004.232.01.25>](https://doi.org/10.1144/GSL.SP.2004.232.01.25)

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

Catts, E P, and M L Goff, 'Forensic Entomology in Criminal Investigations', *Annual Review of Entomology*, 37.1 (1992), 253–72
[<https://doi.org/10.1146/annurev.en.37.010192.001345>](https://doi.org/10.1146/annurev.en.37.010192.001345)

Cheshire, K., R.M. Morgan, and J. Holmes, 'The Potential for Geochemical Discrimination of Single- and Mixed-Source Soil Samples from Close Proximity Urban Parkland Locations', *Australian Journal of Forensic Sciences*, 49.2 (2017), 161–74
[<https://doi.org/10.1080/00450618.2016.1144789>](https://doi.org/10.1080/00450618.2016.1144789)

Chisum, W. Jerry, and Brent E. Turvey, *Crime Reconstruction*, 2nd ed (Amsterdam: Academic Press, 2011) [<http://www.sciencedirect.com/science/book/9780123864604>](http://www.sciencedirect.com/science/book/9780123864604)

Cole, Simon A., 'Forensic Culture as Epistemic Culture: The Sociology of Forensic Science', *Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences*, 44.1 (2013), 36–46
[<https://doi.org/10.1016/j.shpsc.2012.09.003>](https://doi.org/10.1016/j.shpsc.2012.09.003)

Cook, R., I.W. Evett, G. Jackson, P.J. Jones, and J.A. Lambert, 'A Hierarchy of Propositions: Deciding Which Level to Address in Casework', *Science & Justice*, 38.4 (1998), 231–39
[<https://doi.org/10.1016/S1355-0306\(98\)72117-3>](https://doi.org/10.1016/S1355-0306(98)72117-3)

Cox, Eileen J., 'Diatoms and Forensic Science', in *Forensic Ecology Handbook*, ed. by Nicholas Márquez-Grant and Julie Roberts (Chichester, UK: John Wiley & Sons, Ltd, 2012),

pp. 141–51 <<https://doi.org/10.1002/9781118374016.ch9>>

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

Cox, Melissa R., and Muniram Budhu, 'A Practical Approach to Grain Shape Quantification', *Engineering Geology*, 96.1–2 (2008), 1–16 <<https://doi.org/10.1016/j.enggeo.2007.05.005>>

—, 'A Practical Approach to Grain Shape Quantification', *Engineering Geology*, 96.1–2 (2008), 1–16 <<https://doi.org/10.1016/j.enggeo.2007.05.005>>

'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, Debra J., and Kenneth Pye, 'The Potential Use of Continuous-Flow Isotope-Ratio Mass Spectrometry as a Tool in Forensic Soil Analysis: A Preliminary Report', *Rapid Communications in Mass Spectrometry*, 17.23 (2003), 2581–84
<<https://doi.org/10.1002/rcm.1174>>

Dachs, J., I.J. McNaught, and J. Robertson, 'The Persistence of Human Scalp Hair on Clothing Fabrics', *Forensic Science International*, 138.1–3 (2003), 27–36
<<https://doi.org/10.1016/j.forsciint.2003.07.014>>

—, 'The Persistence of Human Scalp Hair on Clothing Fabrics', *Forensic Science International*, 138.1–3 (2003), 27–36 <<https://doi.org/10.1016/j.forsciint.2003.07.014>>

Dawson, Lorna A., and Stephen Hillier, 'Measurement of Soil Characteristics for Forensic Applications', *Surface and Interface Analysis*, 42.5 (2010), 363–77
<<https://doi.org/10.1002/sia.3315>>

Delabarre, Tania, Christine Keyser, Antoine Tracqui, Damien Charabidze, and Bertrand Ludes, 'The Potential of Forensic Analysis on Human Bones Found in Riverine Environment', *Forensic Science International*, 228.1–3 (2013), e1–5
<<https://doi.org/10.1016/j.forsciint.2013.03.019>>

Dent, B. B., S. L. Forbes, and B. H. Stuart, 'Review of Human Decomposition Processes in Soil', *Environmental Geology*, 45.4 (2004), 576–85
<<https://doi.org/10.1007/s00254-003-0913-z>>

Dickson, Gemma C., Russell T.M. Poulter, Elizabeth W. Maas, P. Keith Probert, and Jules A. Kieser, 'Marine Bacterial Succession as a Potential Indicator of Postmortem Submersion Interval', *Forensic Science International*, 209.1–3 (2011), 1–10
<<https://doi.org/10.1016/j.forsciint.2010.10.016>>

Drahl, Carmen, and Andrea Widener, 'Forcing Change In Forensic Science', 92.19 (2014), 10–15 <<http://cen.acs.org/articles/92/i19/Forcing-Change-Forensic-Science.html>>

Etienne, David, and Isabelle Jouffroy-Bapicot, 'Optimal Counting Limit for Fungal Spore Abundance Estimation Using Sporormiella as a Case Study', *Vegetation History and Archaeobotany*, 23.6 (2014), 743-49 <<https://doi.org/10.1007/s00334-014-0439-1>>

Evett, I.W., C.E.H. Berger, J.S. Buckleton, C. Champod, and G. Jackson, 'Finding the Way Forward for Forensic Science in the US—A Commentary on the PCAST Report', *Forensic Science International*, 278 (2017), 16-23 <<https://doi.org/10.1016/j.forsciint.2017.06.018>>

Fenning, Peter J., and Laurance J. Donnelly, 'Geophysical Techniques for Forensic Investigation', 232.1 (2004), 11-20 <<https://doi.org/10.1144/GSL.SP.2004.232.01.03>>

Flanagan, R.J., 'Cut Costs at All Costs!', *Forensic Science International*, 290 (2018), e26-28 <<https://doi.org/10.1016/j.forsciint.2018.06.038>>

Forbes, Shari L., Boyd B. Dent, and Barbara H. Stuart, 'The Effect of Soil Type on Adipocere Formation', *Forensic Science International*, 154.1 (2005), 35-43 <<https://doi.org/10.1016/j.forsciint.2004.09.108>>

Forbes, Shari L., Barbara H. Stuart, and Boyd B. Dent, 'The Effect of the Burial Environment on Adipocere Formation', *Forensic Science International*, 154.1 (2005), 24-34 <<https://doi.org/10.1016/j.forsciint.2004.09.107>>

Forbes, S.L, B.H Stuart, and B.B Dent, 'The Identification of Adipocere in Grave Soils', *Forensic Science International*, 127.3 (2002), 225-30 <[https://doi.org/10.1016/S0379-0738\(02\)00127-5](https://doi.org/10.1016/S0379-0738(02)00127-5)>

'Forensic Entomology - The Crime Scene (Wellcome Collection)', 5AD <<https://www.youtube.com/watch?v=HIVKISCmjTQ>>

'Forensic Files Historic Cases Reel Danger', 13AD <<https://www.youtube.com/watch?v=cXcYpd1iacM>>

French, J, 'The Secondary Transfer of Gunshot Residue: An Experimental Investigation Carried out with SEM-EDX Analysis', *X-RAY SPECTROMETRY*, 2014 <[https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=UCL_EP_R_DS1422146&context=L&vid=UCL_VU2\[\]&lang=en_US&search_scope=CSCOP_UCL&adaptor=Local%20Search%20Engine&tab=local&query=any,contains,T he%20secondary%20transfer%20of%20gunshot%20residue:%20an%20experimental%20i nvestigation%20carried%20out%20with%20SEM-EDX%20analysis&sortby=rank](https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=UCL_EP_R_DS1422146&context=L&vid=UCL_VU2[]&lang=en_US&search_scope=CSCOP_UCL&adaptor=Local%20Search%20Engine&tab=local&query=any,contains,T he%20secondary%20transfer%20of%20gunshot%20residue:%20an%20experimental%20i nvestigation%20carried%20out%20with%20SEM-EDX%20analysis&sortby=rank)>

French, J.C., R.M. Morgan, P. Baxendell, and P.A. Bull, 'Multiple Transfers of Particulates and Their Dissemination within Contact Networks', *Science & Justice*, 52.1 (2012), 33-41 <<https://doi.org/10.1016/j.scijus.2011.05.001>>

———, 'Multiple Transfers of Particulates and Their Dissemination within Contact Networks', *Science & Justice*, 52.1 (2012), 33-41 <<https://doi.org/10.1016/j.scijus.2011.05.001>>

'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', *Historical Archaeology*, 35.1 (2001), 87–100
[Garrett, Brandon L., 'Invalid Forensic Science Testimony and Wrongful Convictions', *Virginia Law Review*, 95.1, 1–97
\[https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_scopus2-s2.0-65349105013&context=PC&vid=UCL_VU2&en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,Invalid%20Forensic%20Science%20Testimony%20and%20Wrongful%20Conviction&sortby=rank>\]\(https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_scopus2-s2.0-65349105013&context=PC&vid=UCL_VU2&en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,Invalid%20Forensic%20Science%20Testimony%20and%20Wrongful%20Conviction&sortby=rank>\)](http://www.jstor.org/stable/25616896?Search=yes&resultItemClick=true&l;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></p></div><div data-bbox=)

'Gepard GPR Ground Penetrating Radar - Applications and Functionality', 17AD
<https://www.youtube.com/watch?v=JQAeExJwjpE>

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

Grieve, M.C., 'Glitter Particles—an Unusual Source of Trace Evidence?', *Journal of the Forensic Science Society*, 27.6 (1987), 405–12
[https://doi.org/10.1016/S0015-7368\(87\)72789-3](https://doi.org/10.1016/S0015-7368(87)72789-3)

Grieve, M.C., J. Dunlop, and P.S. Haddock, 'Transfer Experiments with Acrylic Fibres', *Forensic Science International*, 40.3 (1989), 267–77
[https://doi.org/10.1016/0379-0738\(89\)90185-0](https://doi.org/10.1016/0379-0738(89)90185-0)

Haglund, William, and Marcella Sorg, eds., *Forensic Taphonomy* (CRC Press, 1996)
<https://doi.org/10.1201/9781439821923>

Hamzelou, Jessica, 'Hair Analysis on Trial after FBI Admits to Using Flawed Evidence', 2015
<https://www.newscientist.com/article/dn27386-hair-analysis-on-trial-after-fbi-admits-to-using-flawed-evidence/#.VTnvtpOcvvs>

Hansen, J. D., and J. K. Pringle, 'Comparison of Magnetic, Electrical and Ground Penetrating Radar Surveys to Detect Buried Forensic Objects in Semi-Urban and Domestic Patio Environments', 384.1 (2013), 229–51 <https://doi.org/10.1144/SP384.13>

Hanson, Ian D., 'The Importance of Stratigraphy in Forensic Investigation', *Geological Society, London, Special Publications*, 232.1 (2004), 39–47
<https://doi.org/10.1144/GSL.SP.2004.232.01.06>

Hawksworth, David L., and Patricia E.J. Wiltshire, 'Forensic Mycology: The Use of Fungi in

Criminal Investigations', *Forensic Science International*, 206.1-3 (2011), 1-11
[<https://doi.org/10.1016/j.forsciint.2010.06.012>](https://doi.org/10.1016/j.forsciint.2010.06.012)

———, 'Forensic Mycology: The Use of Fungi in Criminal Investigations', *Forensic Science International*, 206.1-3 (2011), 1-11 <<https://doi.org/10.1016/j.forsciint.2010.06.012>>

Holzer, Thomas L., 'Seismograms Offer Insight into Oklahoma City Bombing', *Eos*, 77.41
[<https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_geor_ef1997-016939&context=PC&vid=UCL_VU2&lang=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>](https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_geor_ef1997-016939&context=PC&vid=UCL_VU2&lang=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, Mark, 'Fine Resolution of Pollen Patterns in Limited Space: Differentiating a Crime Scene and Alibi Scene Seven Meters Apart', *Journal of Forensic Sciences*, 44.2, 417-20

<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', *Journal of Forensic Sciences*, 43.2

<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>

Horrocks, Mark, and Kevan A.J. Walsh, 'Forensic Palynology: Assessing the Value of the Evidence', *Review of Palaeobotany and Palynology*, 103.1-2 (1998), 69-74
[<https://doi.org/10.1016/S0034-6667\(98\)00027-X>](https://doi.org/10.1016/S0034-6667(98)00027-X)

Igathinathane, C., L.O. Pordesimo, E.P. Columbus, W.D. Batchelor, and S. Sokhansanj, 'Sieveless Particle Size Distribution Analysis of Particulate Materials through Computer Vision', *Computers and Electronics in Agriculture*, 66.2 (2009), 147-58
[<https://doi.org/10.1016/j.compag.2009.01.005>](https://doi.org/10.1016/j.compag.2009.01.005)

Inman, K., and N. Rudin, 'The Origin of Evidence', *Forensic Science International*, 126.1 (2002), 11-16 <[https://doi.org/10.1016/S0379-0738\(02\)00031-2](https://doi.org/10.1016/S0379-0738(02)00031-2)>

———, 'The Origin of Evidence', *Forensic Science International*, 126.1 (2002), 11-16
[<https://doi.org/10.1016/S0379-0738\(02\)00031-2>](https://doi.org/10.1016/S0379-0738(02)00031-2)

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

Jantunen, Juha, and Kimmo Saarinen, 'Pollen Transport by Clothes', *Aerobiologia*, 27.4 (2011), 339-43 <<https://doi.org/10.1007/s10453-011-9200-8>>

Jasanoff, Sheila, 'Just Evidence: The Limits of Science in the Legal Process', *The Journal of Law, Medicine & Ethics*, 34.2 (2006), 328-41

<<https://doi.org/10.1111/j.1748-720X.2006.00038.x>>

———, 'Law's Knowledge: Science for Justice in Legal Settings', *American Journal of Public Health*, 95.S1 (2005), S49-58 <<https://doi.org/10.2105/AJPH.2004.045732>>

'Jonathan Drori: Every Pollen Grain Has a Story', 8AD

<<https://www.youtube.com/watch?v=vXDj-nAykKE&feature=youtu.be>>

Jonathan. J. Koehler, Michael J. Saks, 'The Individualization Fallacy in Forensic Science Evidence', 61.1 (2008), 199-219

<http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1432516>

Keiper, Joe B., and Dale A. Casamatta, 'Benthic Organisms as Forensic Indicators', *Journal of the North American Benthological Society*, 20.2 (2001), 311-24

<<https://doi.org/10.2307/1468325>>

Kiely, Terrence F., *Forensic Evidence: Science and the Criminal Law*, Second edition (Boca Raton, FL: CRC Press, 2006) <<http://dx.doi.org/10.1201/9781420038064>>

Kirk, Paul L., *Crime Investigation*, ed. by John I. Thornton, Second edition (New York: John Wiley & Sons, 1974)

Kloster, Michael, *Fragilariaopsis 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://doi.org/b>>10.1594/PANGAEA.833665>

———, 'Measurements of Valves of the Diatom *Fragilariaopsis 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 *Fragilariaopsis Kerguelensis* from Southern Ocean Sediment: High-Throughput Measurements Show Second Morphotype Occurring during Glacials. *Marine Micropaleontology*' (PANGAEA - Data Publisher for Earth & Environmental Science, 2018)

<<https://doi.org/b>>10.1594/PANGAEA.892593>

Konopinski, D.I., S. Hudziak, R.M. Morgan, P.A. Bull, and A.J. Kenyon, 'Investigation of Quartz Grain Surface Textures by Atomic Force Microscopy for Forensic Analysis', *Forensic Science International*, 223.1-3 (2012), 245-55

<<https://doi.org/10.1016/j.forsciint.2012.09.011>>

Koper, K. D., T. C. Wallace, S. R. Taylor, and H. E. Hartse, 'Forensic Seismology and the Sinking of the Kursk [textit{Kursk}]', *Eos, Transactions American Geophysical Union*, 82.4 (2001), 37-37 <<https://doi.org/10.1029/01EO00023>>

Levin, Emma A., Ruth M. Morgan, Lewis D. Griffin, and Vivienne J. Jones, 'A Comparison of Thresholding Methods for Forensic Reconstruction Studies Using Fluorescent Powder Proxies for Trace Materials', *Journal of Forensic Sciences*, 2018

<<https://doi.org/10.1111/1556-4029.13938>>

———, 'A Comparison of Thresholding Methods for Forensic Reconstruction Studies Using Fluorescent Powder Proxies for Trace Materials', *Journal of Forensic Sciences*, 2018 <<https://doi.org/10.1111/1556-4029.13938>>

Maehly, A., and R. L. Williams, eds., *Forensic Science Progress 5* (Berlin, Heidelberg: Springer Berlin Heidelberg, 1991), v <<https://doi.org/10.1007/978-3-642-58233-2>>

Magni, Paola A., Cynthia Venn, Isabella Aquila, Francesca Pepe, Pietrantonio Ricci, Ciro Di Nunzio, and others, 'Evaluation of the Floating Time of a Corpse Found in a Marine Environment Using the Barnacle *Lepas Anatifera* L. (Crustacea: Cirripedia: Pedunculata)', *Forensic Science International*, 247 (2015), e6-10 <<https://doi.org/10.1016/j.forsciint.2014.11.016>>

Márquez-Grant, Nicholas, and Julie Roberts, eds., *Forensic Ecology Handbook* (Chichester, UK: John Wiley & Sons, Ltd, 2012) <<https://doi.org/10.1002/9781118374016>>

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

Mateus, Marcos, Hilda de Pablo, and Nuno Vaz, 'An Investigation on Body Displacement after Two Drowning Accidents', *Forensic Science International*, 229.1-3 (2013), e6-12 <<https://doi.org/10.1016/j.forsciint.2013.03.010>>

Mazzoli, Alida, and Orlando Favoni, 'Particle Size, Size Distribution and Morphological Evaluation of Airborne Dust Particles of Diverse Woods by Scanning Electron Microscopy and Image Processing Program', *Powder Technology*, 225 (2012), 65-71 <<https://doi.org/10.1016/j.powtec.2012.03.033>>

Mazzoli, Alida, and Giacomo Moriconi, 'Particle Size, Size Distribution and Morphological Evaluation of Glass Fiber Reinforced Plastic (GRP) Industrial by-Product', *Micron*, 67 (2014), 169-78 <<https://doi.org/10.1016/j.micron.2014.07.007>>

McCulloch, G., L.A. Dawson, M.J. Brewer, and R.M. Morgan, 'The Identification of Markers for Geoforensic HPLC Profiling at Close Proximity Sites', *Forensic Science International*, 272 (2017), 127-41 <<https://doi.org/10.1016/j.forsciint.2017.01.009>>

Merritt, R. W., and J. R. Wallace, 'The Role of Aquatic Insects in Forensic Investigations', in *Forensic Entomology : The Utility of Arthropods in Legal Investigations*, ed. by Jason H. Byrd and James L. Castner (Boca Raton: CRC Press, 2000), pp. 271-320 <[http://explore.bl.uk/primo_library/libweb/action/display.do?frbrVersion=2&tabs=moeTab&ct=display&fn=search&doc=BLL01010447216&idx=1&reclds=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](http://explore.bl.uk/primo_library/libweb/action/display.do?frbrVersion=2&tabs=moeTab&ct=display&fn=search&doc=BLL01010447216&idx=1&reclds=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 Jasenoff, 'Introduction: Contested Identities: Science, Law and Forensic Practice', *Social Studies of Science*, 28.5 (1998), 675-86

<[Micropalaeontological Society, The Archaeological and Forensic Applications of Microfossils: A Deeper Understanding of Human History, ed. by Mark Williams, T. Hill, I. Boomer, and Ian Wilkinson \(London: Published for the Micropalaeontological Society by the Geological Society, 2017\)](http://www.jstor.org/stable/285513?Search=yes&resultItemClick=true&ssearchUri=%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></p>
</div>
<div data-bbox=)

Mildenhall, D.C., 'Forensic Palynology in New Zealand', Review of Palaeobotany and Palynology, 64.1-4 (1990), 227-34 <[https://doi.org/10.1016/0034-6667\(90\)90137-8](https://doi.org/10.1016/0034-6667(90)90137-8)>

———, 'Hypericum Pollen Determines the Presence of Burglars at the Scene of a Crime: An Example of Forensic Palynology', Forensic Science International, 163.3 (2006), 231-35 <<https://doi.org/10.1016/j.forsciint.2005.11.028>>

Mildenhall, D.C., P.E.J. Wiltshire, and V.M. Bryant, 'Forensic Palynology: Why Do It and How It Works', Forensic Science International, 163.3 (2006), 163-72 <<https://doi.org/10.1016/j.forsciint.2006.07.012>>

Missing Persons (Routledge, 2016) <<https://doi.org/10.4324/9781315595603>>

Moore, Peter D., J. A. Webb, and Margaret E. Collinson, Pollen Analysis, 2nd ed (Oxford: Blackwell Scientific Publications, 1991)

Morgan, R. M., and P. A. Bull, 'Forensic Geoscience and Crime Detection: Identification, Interpretation and Presentation in Forensic Geoscience', 127 (2007), 73-90 <http://www.geog.ox.ac.uk/staff/pbull_pub01.pdf>

———, 'The Philosophy, Nature and Practice of Forensic Sediment Analysis', Progress in Physical Geography, 31.1 (2007), 43-58 <<https://doi.org/10.1177/0309133307073881>>

Morgan, RM, Conceptualising Forensic Science and Forensic Reconstruction. Part I: A Conceptual Model, 2017 <[https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=UCL_EP_R_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](https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=UCL_EP_R_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)>

———, 'The Forensic Analysis of Sediments Recovered from Footwear', in 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', *Science & Justice*, 2009
https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=UCL_EP_R_DS84827&context=L&vid=UCL_VU2&lang=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.', 2014
https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=UCL_EP_R_DS1425730&context=L&vid=UCL_VU2&lang=en_US&search_scope=CSCOP_UCL&adaptor=Local%20Search%20Engine&tab=local&query=any,contains,The%20spatial%20and%20temporal%20distribution%20of%20pollen%20in%20a%20room:%20Forensic%20implications&sortby=rank

Morgan, R.M., J. Cohen, I. McGookin, J. Murly-Gotto, R. O'Connor, S. Muress, and others, 'The Relevance of the Evolution of Experimental Studies for the Interpretation and Evaluation of Some Trace Physical Evidence', *Science & Justice*, 49.4 (2009), 277–85
<https://doi.org/10.1016/j.scijus.2009.02.004>

Morgan, R.M., G. Davies, F. Balestri, and P.A. Bull, 'The Recovery of Pollen Evidence from Documents and Its Forensic Implications', *Science & Justice*, 53.4 (2013), 375–84
<https://doi.org/10.1016/j.scijus.2013.03.004>

Morgan, R.M., J. Flynn, V. Sena, and P.A. Bull, 'Experimental Forensic Studies of the Preservation of Pollen in Vehicle Fires', *Science & Justice*, 54.2 (2014), 141–45
<https://doi.org/10.1016/j.scijus.2013.04.001>

———, 'Experimental Forensic Studies of the Preservation of Pollen in Vehicle Fires', *Science & Justice*, 54.2 (2014), 141–45 <https://doi.org/10.1016/j.scijus.2013.04.001>

Morgan, R.M., J.C. French, L. O'Donnell, and P.A. Bull, 'The Reincorporation and Redistribution of Trace Geoforensic Particulates on Clothing: An Introductory Study', *Science & Justice*, 50.4 (2010), 195–99 <https://doi.org/10.1016/j.scijus.2010.04.002>

Morgan, Ruth M., and Peter A. Bull, 'Data Interpretation in Forensic Sediment and Soil Geochemistry', *Environmental Forensics*, 7.4 (2006), 325–34
<https://doi.org/10.1080/15275920600996248>

———, 'Data Interpretation in Forensic Sediment and Soil Geochemistry', *Environmental Forensics*, 7.4 (2006), 325–34 <https://doi.org/10.1080/15275920600996248>

———, 'The Philosophy, Nature and Practice of Forensic Sediment Analysis', *Progress in Physical Geography*, 31.1 (2007), 43–58 <https://doi.org/10.1177/0309133307073881>

Morgan, Ruth M., James Robertson, Chris Lennard, Kimberley Hubbard, and Peter A. Bull, 'Quartz Grain Surface Textures of Soils and Sediments from Canberra, Australia: A Forensic Reconstruction Tool', *Australian Journal of Forensic Sciences*, 42.3 (2010), 169–79
<https://doi.org/10.1080/00450610903258110>

Morgan, Ruth M., Patricia Wiltshire, Adrian Parker, and Peter A. Bull, 'The Role of Forensic Geoscience in Wildlife Crime Detection', *Forensic Science International*, 162.1-3 (2006), 152-62 <<https://doi.org/10.1016/j.forsciint.2006.06.045>>

———, 'The Role of Forensic Geoscience in Wildlife Crime Detection', *Forensic Science International*, 162.1-3 (2006), 152-62 <<https://doi.org/10.1016/j.forsciint.2006.06.045>>

Muccio, Zeland, and Glen P. Jackson, 'Isotope Ratio Mass Spectrometry', *The Analyst*, 134.2 (2009), 213-22 <<https://doi.org/10.1039/B808232D>>

Nakagawa, T, 'Dense-Media Separation as a More Efficient Pollen Extraction Method for Use with Organic Sediment/Deposit Samples: Comparison with the Conventional Method', *Boreas*, 27.1, 15-24

<https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_wos_000073443500002&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, Andrew J., Ruth M. Morgan, Lewis D. Griffin, Peter A. Bull, John R. Marshall, and Giles Graham, 'Automated Texture Recognition of Quartz Sand Grains for Forensic Applications*', *Journal of Forensic Sciences*, 57.5 (2012), 1285-89
<<https://doi.org/10.1111/j.1556-4029.2012.02126.x>>

———, 'Automated Texture Recognition of Quartz Sand Grains for Forensic Applications*', *Journal of Forensic Sciences*, 57.5 (2012), 1285-89
<<https://doi.org/10.1111/j.1556-4029.2012.02126.x>>

Parker, Rachael, Alastair Ruffell, David Hughes, and Jamie Pringle, 'Geophysics and the Search of Freshwater Bodies: A Review', *Science & Justice*, 50.3 (2010), 141-49
<<https://doi.org/10.1016/j.scijus.2009.09.001>>

Peabody, Anthony J., and Nigel G. Cameron, 'Forensic Science and Diatoms', in *The Diatoms*, ed. by John P. Smol and Eugene F. Stoermer (Cambridge: Cambridge University Press, 2010), pp. 534-39 <<https://doi.org/10.1017/CBO9780511763175.030>>

Piette, Michel H.A., and Els A. De Letter, 'Drowning: Still a Difficult Autopsy Diagnosis', *Forensic Science International*, 163.1-2 (2006), 1-9
<<https://doi.org/10.1016/j.forsciint.2004.10.027>>

'Plant Detectives: How Brambles Can Help Solve Murder Cases - Dr Mark Spencer'
<<http://www.bbc.co.uk/programmes/articles/5q2xGXDZv0S7hg3KQI11vNg/plant-detectives-how-bramble-and-co-can-help-solve-crimes>>

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

Pollanen, Michael S, 'Diatoms and Homicide', *Forensic Science International*, 91.1 (1998), 29-34 <[https://doi.org/10.1016/S0379-0738\(97\)00162-X](https://doi.org/10.1016/S0379-0738(97)00162-X)>

Pounds, C.A., and K.W. Smalldon, 'The Transfer of Fibres between Clothing Materials During Simulated Contacts and Their Persistence During Wear', *Journal of the Forensic Science Society*, 15.1 (1975), 29–37 <[https://doi.org/10.1016/S0015-7368\(75\)70933-7](https://doi.org/10.1016/S0015-7368(75)70933-7)>

Pringle, Jamie K., Claire Holland, Katie Szkornik, and Mark Harrison, 'Establishing Forensic Search Methodologies and Geophysical Surveying for the Detection of Clandestine Graves in Coastal Beach Environments', *Forensic Science International*, 219.1–3 (2012), e29–36 <<https://doi.org/10.1016/j.forsciint.2012.01.010>>

Pringle, J.K., A. Ruffell, J.R. Jervis, L. Donnelly, J. McKinley, J. Hansen, and others, 'The Use of Geoscience Methods for Terrestrial Forensic Searches', *Earth-Science Reviews*, 114.1–2 (2012), 108–23 <<https://doi.org/10.1016/j.earscirev.2012.05.006>>

Pye, Kenneth, Simon J. Blott, Debra J. Croft, and James F. Carter, 'Forensic Comparison of Soil Samples: Assessment of Small-Scale Spatial Variability in Elemental Composition, Carbon and Nitrogen Isotope Ratios, Colour, and Particle Size Distribution', *Forensic Science International*, 163.1–2 (2006), 59–80
<<https://doi.org/10.1016/j.forsciint.2005.11.008>>

Pye, Kenneth, D. J. Croft, and Geological Society of London, *Forensic Geoscience: Principles, Techniques and Applications* (London: Geological Society, 2004), ccxxxii

Pye, Kenneth, and Debra Croft, 'Forensic Analysis of Soil and Sediment Traces by Scanning Electron Microscopy and Energy-Dispersive X-Ray Analysis: An Experimental Investigation', *Forensic Science International*, 165.1 (2007), 52–63
<<https://doi.org/10.1016/j.forsciint.2006.03.001>>

Quaak, Frederike C.A., and Irene Kuiper, 'Statistical Data Analysis of Bacterial T-RFLP Profiles in Forensic Soil Comparisons', *Forensic Science International*, 210.1–3 (2011), 96–101 <<https://doi.org/10.1016/j.forsciint.2011.02.005>>

Rawlins, B. G., and M. Cave, 'Investigating Multi-Element Soil Geochemical Signatures and Their Potential for Use in Forensic Studies', 232 (2004), 197–206
<<https://doi.org/10.1144/GSL.SP.2004.232.01.18>>

Rawlins, Barry G., Simon J. Kemp, Emily H. Hodgkinson, James B. Riding, Christopher H. Vane, Catherine Poulton, and others, 'Potential and Pitfalls in Establishing the Provenance of Earth-Related Samples in Forensic Investigations', *Journal of Forensic Sciences*, 51.4 (2006), 832–45 <<https://doi.org/10.1111/j.1556-4029.2006.00152.x>>

'Reference and Research Book News', 16.4 (2001)
<[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%20Pres s.&sortby=rank](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%20Pres s.&sortby=rank)>

Reidy, Lorlyn, Kaixuan Bu, Murrell Godfrey, and James V. Cizdziel, 'Elemental Fingerprinting of Soils Using ICP-MS and Multivariate Statistics: A Study for and by Forensic Chemistry Majors', *Forensic Science International*, 233.1–3 (2013), 37–44
<<https://doi.org/10.1016/j.forsciint.2013.08.019>>

Riding, Jb, 'Changes in Soil Pollen Assemblages on Footwear Worn at Different Sites', *Palynology*, 31, 135-51
<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., Lorna Dawson, and David Miller, *Criminal and Environmental Soil Forensics* ([Dordrecht?]: Springer, 2009)
<<https://ebookcentral.proquest.com/lib/ucl/detail.action?docID=417347>>

Ruffell, Alastair, 'Forensic Pedology, Forensic Geology, Forensic Geoscience, Geoforensics and Soil Forensics', *Forensic Science International*, 202.1-3 (2010), 9-12
<<https://doi.org/10.1016/j.forsciint.2010.03.044>>

———, 'Under-Water Scene Investigation Using Ground Penetrating Radar (GPR) in the Search for a Sunken Jet Ski, Northern Ireland', *Science & Justice*, 46.4 (2006), 221-30
<[https://doi.org/10.1016/S1355-0306\(06\)71602-1](https://doi.org/10.1016/S1355-0306(06)71602-1)>

Ruffell, Alastair, and Jennifer McKinley, 'Forensic Geomorphology', *Geomorphology*, 206 (2014), 14-22 <<https://doi.org/10.1016/j.geomorph.2013.12.020>>

———, 'Forensic Geoscience: Applications of Geology, Geomorphology and Geophysics to Criminal Investigations', *Earth-Science Reviews*, 69.3-4 (2005), 235-47
<<https://doi.org/10.1016/j.earscirev.2004.08.002>>

———, 'Forensic Geoscience: Applications of Geology, Geomorphology and Geophysics to Criminal Investigations', *Earth-Science Reviews*, 69.3-4 (2005), 235-47
<<https://doi.org/10.1016/j.earscirev.2004.08.002>>

———, *Geoforensics* (Chichester, UK: John Wiley & Sons, Ltd, 2008)
<<https://doi.org/10.1002/9780470758854>>

———, *Geoforensics* (Chichester, UK: John Wiley & Sons, Ltd, 2008)
<<https://doi.org/10.1002/9780470758854>>

Ruffell, Alastair, Jamie K. Pringle, and Shari Forbes, 'Search Protocols for Hidden Forensic Objects beneath Floors and within Walls', *Forensic Science International*, 237 (2014), 137-45 <<https://doi.org/10.1016/j.forsciint.2013.12.036>>

Ruffell, Alastair, and Patricia Wiltshire, 'Conjunctive Use of Quantitative and Qualitative X-Ray Diffraction Analysis of Soils and Rocks for Forensic Analysis', *Forensic Science International*, 145.1 (2004), 13-23 <<https://doi.org/10.1016/j.forsciint.2004.03.017>>

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

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

Schneider, Caroline A, Wayne S Rasband, and Kevin W Eliceiri, 'NIH Image to ImageJ: 25 Years of Image Analysis', *Nature Methods*, 9.7 (2012), 671–75
<<https://doi.org/10.1038/nmeth.2089>>

———, 'NIH Image to ImageJ: 25 Years of Image Analysis', *Nature Methods*, 9.7 (2012), 671–75 <<https://doi.org/10.1038/nmeth.2089>>

Schulze, Katja, Ulrich M Tillich, Thomas Dandekar, and Marcus Frohme, 'PlanktoVision – an Automated Analysis System for the Identification of Phytoplankton', *BMC Bioinformatics*, 14.1 (2013) <<https://doi.org/10.1186/1471-2105-14-115>>

Schweitzer, N.J., 'THE CSI EFFECT: POPULAR FICTION ABOUT FORENSIC SCIENCE AFFECTS THE PUBLIC'S EXPECTATIONS ABOUT REAL FORENSIC SCIENCE', *Jurimetrics*, 47.3, 357–64
<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 J. R. Hunter, 'Environmental Influences on Resistivity Mapping for the Location of Clandestine Graves', 232.1 (2004), 33–38
<<https://doi.org/10.1144/GSL.SP.2004.232.01.05>>

———, 'Environmental Influences on Resistivity Mapping for the Location of Clandestine Graves', Geological Society, London, Special Publications, 232.1 (2004), 33–38
<<https://doi.org/10.1144/GSL.SP.2004.232.01.05>>

Scott, Kirstie R., Ruth M. Morgan, Vivienne J. Jones, and Nigel G. Cameron, 'The Transferability of Diatoms to Clothing and the Methods Appropriate for Their Collection and Analysis in Forensic Geoscience', *Forensic Science International*, 241 (2014), 127–37
<<https://doi.org/10.1016/j.forsciint.2014.05.011>>

'SERIAL' <<https://serialpodcast.org/>>

Siver, P. A., W. D. Lord, and D. J. McCarthy, 'Forensic Limnology: The Use of Freshwater Algal Community Ecology to Link Suspects to an Aquatic Crime Scene in Southern New England', 39.3 (1994), 847–53
<https://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS13663J.htm>

Slot, Ana, Jaap van der Weerd, Martin Roos, Martin Baiker, Reinoud D. Stoel, and Matthijs C. Zuidberg, 'Tracers as Invisible Evidence — The Transfer and Persistence of Flock Fibres during a Car Exchange', *Forensic Science International*, 275 (2017), 178–86
<<https://doi.org/10.1016/j.forsciint.2017.03.005>>

'Solved- Trace Evidence', 2008 <<https://www.youtube.com/watch?v=AMmSCXzmxD4>>

Stover, Eric, William D. Haglund, and Margaret Samuels, 'Exhumation of Mass Graves in Iraq', *JAMA*, 290.5 (2003) <<https://doi.org/10.1001/jama.290.5.663>>

Sugita, Ritsuko, and Yoshiteru Marumo, 'Screening of Soil Evidence by a Combination of Simple Techniques: Validity of Particle Size Distribution', *Forensic Science International*,

122.2-3 (2001), 155-58 <[https://doi.org/10.1016/S0379-0738\(01\)00490-X](https://doi.org/10.1016/S0379-0738(01)00490-X)>

———, 'Validity of Color Examination for Forensic Soil Identification', *Forensic Science International*, 83.3 (1996), 201-10 <[https://doi.org/10.1016/S0379-0738\(96\)02038-5](https://doi.org/10.1016/S0379-0738(96)02038-5)>

'The "CSI Effect"', 2010 <<http://www.economist.com/node/15949089>>

'The Fascinating Process of Human Decomposition', 2014
<<https://www.youtube.com/watch?v=OFJrow7yaec&feature=youtu.be>>

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

'The Murder Trial' (Channel 4)
<<https://learningonscreen.ac.uk/ondemand/index.php/prog/057FF632?bcast=98658101>>

'The Soil Sleuth', 21AD <<https://www.youtube.com/watch?v=NyurHTD2Kro>>

Thompson, William C., and Edward L. Schumann, 'Interpretation of Statistical Evidence in Criminal Trials: The Prosecutor's Fallacy and the Defense Attorney's Fallacy.', *Law and Human Behavior*, 11.3 (1987), 167-87 <<https://doi.org/10.1007/BF01044641>>

Tibbett, Mark, and David O. Carter, eds., *Soil Analysis in Forensic Taphonomy : Chemical and Biological Effects of Buried Human Remains* (Boca Raton, Florida: 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](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-this-week-underwater-forensics/>>

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

'Waxing Historical: A Potted History of Adipocere', 12AD
<<https://www.youtube.com/watch?v=apLz4uT6jWY&feature=youtu.be>>

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

Wiltshire, Patricia E.J., 'Consideration of Some Taphonomic Variables of Relevance to Forensic Palynological Investigation in the United Kingdom', *Forensic Science International*, 163.3 (2006), 173-82 <<https://doi.org/10.1016/j.forsciint.2006.07.011>>

———, 'Consideration of Some Taphonomic Variables of Relevance to Forensic Palynological Investigation in the United Kingdom', *Forensic Science International*, 163.3 (2006), 173–82 <<https://doi.org/10.1016/j.forsciint.2006.07.011>>

Wiltshire, Patricia E.J., and Sue Black, 'The Cribriform Approach to the Retrieval of Palynological Evidence from the Turbinates of Murder Victims', *Forensic Science International*, 163.3 (2006), 224–30 <<https://doi.org/10.1016/j.forsciint.2005.11.019>>

Young, Jennifer M., Laura S. Weyrich, and Alan Cooper, 'Forensic Soil DNA Analysis Using High-Throughput Sequencing: A Comparison of Four Molecular Markers', *Forensic Science International: Genetics*, 13 (2014), 176–84 <<https://doi.org/10.1016/j.fsigen.2014.07.014>>

Zala, Krista, 'Dirty Science: Soil Forensics Digs into New Techniques', *Science*, 318.5849, 386–87
<[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](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, Michael S., Stephanie M. McGraw, and Melissa A. Miller, 'The Role of Clothing Fabrics as Passive Pollen Collectors in the North-eastern United States', *Grana*, 46.4 (2007), 285–91 <<https://doi.org/10.1080/00173130701780104>>

Zimmerman, Kathryn A., and John R. Wallace, 'The Potential to Determine a Postmortem Submersion Interval Based on AlgalDiatom Diversity on Decomposing Mammalian Carcasses in Brackish Ponds in Delaware', *Journal of Forensic Sciences*, 53.4 (2008), 935–41 <<https://doi.org/10.1111/j.1556-4029.2008.00748.x>>