

SECU0021: Forensic Geoscience

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1.

Inman K, Rudin N. The origin of evidence. *Forensic Science International*. 2002 Mar;126(1):11-16.

2.

Morgan RM, Wiltshire P, Parker A, Bull PA. The role of forensic geoscience in wildlife crime detection. *Forensic Science International*. 2006 Oct;162(1-3):152-162.

3.

Morgan RM, Bull PA. The philosophy, nature and practice of forensic sediment analysis. *Progress in Physical Geography*. 2007 Feb 1;31(1):43-58.

4.

Ruffell A, McKinley J. Forensic geoscience: applications of geology, geomorphology and geophysics to criminal investigations. *Earth-Science Reviews*. 2005 Mar;69(3-4):235-247.

5.

Jonathan. J. Koehler MJS. The Individualization Fallacy in Forensic Science Evidence. *Vanderbilt Law Review*; 2008;61(1):199-219. Available from: http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1432516

6.

Cole SA. 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*. 2013 Mar;44(1):36–46.

7.

Jasanoff S. Just Evidence: The Limits of Science in the Legal Process. *The Journal of Law, Medicine Ethics*. 2006 Jun;34(2):328–341.

8.

Kiely TF. Forensic evidence: science and the criminal law [Internet]. Second edition. Boca Raton, FL: CRC Press; 2006. Available from: <http://dx.doi.org/10.1201/9781420038064>

9.

Kirk PL. Crime investigation. Second edition. Thornton JI, editor. New York: John Wiley & Sons; 1974.

10.

Michael Lynch and Sheila Jasanoff. Introduction: Contested Identities: Science, Law and Forensic Practice. *Social Studies of Science* [Internet]. Sage Publications, Ltd.Sage Publications, Ltd.; 1998;28(5):675–686. Available from: http://www.jstor.org/stable/285513?Search=yes&resultItemClick=true&searchUri=%2Faction%2FdoAdvancedSearch%3Fq%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

11.

Morgan RM, Bull PA. Data Interpretation in Forensic Sediment and Soil Geochemistry. *Environmental Forensics*. 2006 Dec;7(4):325–334.

12.

Rawlins BG, Kemp SJ, Hodgkinson EH, Riding JB, Vane CH, Poulton C, Freeborough K. Potential and Pitfalls in Establishing the Provenance of Earth-Related Samples in Forensic Investigations. *Journal of Forensic Sciences*. 2006 Jul;51(4):832-845.

13.

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

14.

The Forensics Library [Internet]. Available from: <http://aboutforensics.co.uk/>

15.

BBC Radio 4 - Forensics in Crisis [Internet]. Available from: <http://www.bbc.co.uk/programmes/b05sv09g/broadcasts/2015/05>

16.

Hamzelou J. Hair analysis on trial after FBI admits to using flawed evidence. *New Scientist*; 2015; Available from: <https://www.newscientist.com/article/dn27386-hair-analysis-on-trial-after-fbi-admits-to-using-flawed-evidence/#.VTnvtpOcvvs>

17.

Drahl C, Widener A. Forcing Change In Forensic Science. *Chemical & Engineering News*; 2014;92(19):10-15. Available from: <http://cen.acs.org/articles/92/i19/Forcing-Change-Forensic-Science.html>

18.

BBC Radio 4 - The Life Scientific, Niamh Nic Daeid [Internet]. Available from: <http://www.bbc.co.uk/programmes/b062k9zz>

19.

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

20.

BBC Radio 4 - The Report, Forensic Science [Internet]. Available from: <http://www.bbc.co.uk/programmes/b01m68w2>

21.

Balding DJ, Buckleton J. Interpreting low template DNA profiles. *Forensic Science International: Genetics*. 2009 Dec;4(1):1-10.

22.

Jasanoff S. Law's Knowledge: Science for Justice in Legal Settings. *American Journal of Public Health*. 2005 Jul;95(S1):S49-S58.

23.

Morgan, RM. The relevance of the evolution of experimental studies for the interpretation and evaluation of some trace physical evidence. *Science & Justice* [Internet]. ELSEVIER SCI LTD; 2009; Available from: 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

24.

Thompson WC, Schumann EL. Interpretation of statistical evidence in criminal trials: The prosecutor's fallacy and the defense attorney's fallacy. *Law and Human Behavior*. 1987;11(3):167-187.

25.

Morgan RM, Bull PA. Forensic Geoscience and Crime detection: Identification, interpretation and presentation in forensic geoscience. *Minerva Medicolegale*; 2007;127:73–90. Available from: http://www.geog.ox.ac.uk/staff/pbull_pub01.pdf

26.

Morgan RM, Cohen J, McGookin I, Murly-Gotto J, O'Connor R, Muress S, Freudiger-Bonzon J, Bull PA. The relevance of the evolution of experimental studies for the interpretation and evaluation of some trace physical evidence. *Science & Justice*. 2009 Dec;49(4):277–285.

27.

Morgan RM, Flynn J, Sena V, Bull PA. Experimental forensic studies of the preservation of pollen in vehicle fires. *Science & Justice*. 2014 Mar;54(2):141–145.

28.

Bull PA, Morgan RM, Sagovsky A, Hughes GJA. The Transfer and Persistence of Trace Particulates: Experimental studies using clothing fabrics. *Science & Justice*. 2006 Jul;46(3):185–195.

29.

Chisum WJ, Turvey BE. *Crime Reconstruction* [Internet]. 2nd ed. Amsterdam: Academic Press; 2011. Available from: <http://www.sciencedirect.com/science/book/9780123864604>

30.

Dachs J, McNaught IJ, Robertson J. The persistence of human scalp hair on clothing fabrics. *Forensic Science International*. 2003 Dec;138(1–3):27–36.

31.

Morgan RM, French JC, O'Donnell L, Bull PA. The reincorporation and redistribution of trace geoforensic particulates on clothing: An introductory study. *Science & Justice*. 2010 Dec;50(4):195–199.

32.

Pounds CA, Smalldon KW. The Transfer of Fibres between Clothing Materials During Simulated Contacts and their Persistence During Wear. *Journal of the Forensic Science Society*. 1975 Jan;15(1):29-37.

33.

Sugita R, Marumo Y. Validity of color examination for forensic soil identification. *Forensic Science International*. 1996 Dec;83(3):201-210.

34.

Morgan RM, Flynn J, Sena V, Bull PA. Experimental forensic studies of the preservation of pollen in vehicle fires. *Science & Justice*. 2014 Mar;54(2):141-145.

35.

Morgan, RM. The spatial and temporal distribution of pollen in a room: forensic implications. 2014; Available from:
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&adaptor=Local%20Search%20Engine&tab=local&query=any,contains,The%20spatial%20and%20temporal%20distribution%20of%20pollen%20in%20a%20room:%20Forensic%20implications&sortby=rank

36.

The 'CSI effect'. *The Economist*; 2010; Available from:
<http://www.economist.com/node/15949089>

37.

Solved- Trace Evidence [Internet]. 2008. Available from:
<https://www.youtube.com/watch?v=AMmSCXzmxD4>

38.

Allen TJ, Scrannage JK. The transfer of glass—part 1. *Forensic Science International*. 1998 May;93(2-3):167-174.

39.

Allen TJ, Hoefler K, Rose S. The transfer of glass—part 3. *Forensic Science International*. 1998 May;93(2–3):195–200.

40.

Schweitzer, N.J. THE CSI EFFECT: POPULAR FICTION ABOUT FORENSIC SCIENCE AFFECTS THE PUBLIC'S EXPECTATIONS ABOUT REAL FORENSIC SCIENCE. *Jurimetrics* [Internet]. 47(3):357–364. Available from: https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_jstor_archive_1229762978&context=PC&vid=UCL_VU2□=en_US&search_scope=CS COP_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

41.

Dachs J, McNaught IJ, Robertson J. The persistence of human scalp hair on clothing fabrics. *Forensic Science International*. 2003 Dec;138(1–3):27–36.

42.

French JC, Morgan RM, Baxendell P, Bull PA. Multiple transfers of particulates and their dissemination within contact networks. *Science & Justice*. 2012 Mar;52(1):33–41.

43.

French, J. The secondary transfer of gunshot residue: an experimental investigation carried out with SEM-EDX analysis. *X-RAY SPECTROMETRY* [Internet]. 2014; Available from: https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=UCL_EPR_DS1422146&context=L&vid=UCL_VU2□=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

44.

Grieve MC, Dunlop J, Haddock PS. Transfer experiments with acrylic fibres. *Forensic*

Science International. 1989 Mar;40(3):267–277.

45.

Grieve MC. Glitter particles—an unusual source of trace evidence? Journal of the Forensic Science Society. 1987 Nov;27(6):405–412.

46.

Garrett, Brandon L. Invalid forensic science testimony and wrongful convictions. Virginia Law Review [Internet]. 95(1):1–97. Available from:
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%20Convictions&sortby=rank

47.

Pringle JK, Ruffell A, Jervis JR, Donnelly L, McKinley J, Hansen J, Morgan R, Pirrie D, Harrison M. The use of geoscience methods for terrestrial forensic searches. Earth-Science Reviews. 2012 Aug;114(1–2):108–123.

48.

Ruffell A, McKinley J. Forensic geoscience: applications of geology, geomorphology and geophysics to criminal investigations. Earth-Science Reviews. 2005 Mar;69(3–4):235–247.

49.

Ruffell A, Pringle JK, Forbes S. Search protocols for hidden forensic objects beneath floors and within walls. Forensic Science International. 2014 Apr;237:137–145.

50.

Ruffell A, McKinley J. Forensic geomorphology. Geomorphology. 2014 Feb;206:14–22.

51.

Bevan BW. The search for graves. *Geophysics*; 1991;56(9):1310–1319. Available from: <http://www.olemiss.edu/research/anthropology/haley/class2010/library/Bevan1991.pdf>

52.

G. Clark Davenport. Remote Sensing Applications in Forensic Investigations. *Historical Archaeology* [Internet]. Society for Historical Archaeology; 2001;35(1):87–100. Available from: 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&q=1#page_scan_tab_contents

53.

Fenning PJ, Donnelly LJ. Geophysical techniques for forensic investigation. *Geological Society, London, Special Publications*; 2004;232(1):11–20.

54.

Hansen JD, Pringle JK. Comparison of magnetic, electrical and ground penetrating radar surveys to detect buried forensic objects in semi-urban and domestic patio environments. *Geological Society, London, Special Publications*; 2013;384(1):229–251.

55.

Scott J, Hunter JR. Environmental influences on resistivity mapping for the location of clandestine graves. *Geological Society, London, Special Publications*; 2004;232(1):33–38.

56.

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* [Internet].

Taylor & Francis Group; 55(2). Available from:

https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_tayfranc10.1111%2F0033-0124.5502005&context=PC&vid=UCL_VU2□=en_US&search_scope=CSCOP_UCL&adaptor=primo_central_multiple_fe&tab=local&qquery=any,contains,Remote%20Sensing%20and%20GIS%20as%20Counterterrorism%20Tools%20for%20Homeland%20Security:%20The%20case%20of%20Afghanistan&sortby=rank&offset=0

57.

Pringle JK, Holland C, Szkornik K, Harrison M. Establishing forensic search methodologies and geophysical surveying for the detection of clandestine graves in coastal beach environments. *Forensic Science International*. 2012 Jun;219(1-3):e29-e36.

58.

Morgan RM, Bull PA. Data Interpretation in Forensic Sediment and Soil Geochemistry. *Environmental Forensics*. 2006 Dec;7(4):325-334.

59.

Gepard GPR ground penetrating radar - Applications and functionality [Internet]. 17AD. Available from: <https://www.youtube.com/watch?v=JQAeExJwjpE>

60.

SERIAL [Internet]. Available from: <https://serialpodcast.org/>

61.

Undisclosed [Internet]. Available from: <http://undisclosed-podcast.com/>

62.

The Murder Trial [Internet]. Channel 4; Available from: <https://learningonscreen.ac.uk/ondemand/index.php/prog/057FF632?bcast=98658101>

63.

Hanson ID. The importance of stratigraphy in forensic investigation. Geological Society, London, Special Publications. 2004;232(1):39-47.

64.

Holzer, Thomas L. Seismograms offer insight into Oklahoma City bombing. Eos [Internet]. 77(41). Available from:
https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_georef_1997-016939&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

65.

Koper KD, Wallace TC, Taylor SR, Hartse HE. Forensic seismology and the sinking of the Kursk [textit{ Kursk}]. Eos, Transactions American Geophysical Union. 2001;82(4):37-37.

66.

Scott J, Hunter JR. Environmental influences on resistivity mapping for the location of clandestine graves. Geological Society, London, Special Publications. 2004;232(1):33-38.

67.

Bull PA, Parker A, Morgan RM. The forensic analysis of soils and sediment taken from the cast of a footprint. Forensic Science International. 2006 Oct;162(1-3):6-12.

68.

Bull PA, Morgan RM. Sediment Fingerprints: A forensic technique using quartz sand grains. Science & Justice. 2006 Apr;46(2):107-124.

69.

Dawson LA, Hillier S. Measurement of soil characteristics for forensic applications. Surface and Interface Analysis. 2010 May;42(5):363-377.

70.

Morgan RM, Robertson J, Lennard C, Hubbard K, Bull PA. Quartz grain surface textures of soils and sediments from Canberra, Australia: A forensic reconstruction tool. *Australian Journal of Forensic Sciences*. 2010 Sep;42(3):169–179.

71.

Bailey MJ, Morgan RM, Comini P, Calusi S, Bull PA. Evaluation of Particle-Induced X-ray Emission and Particle-Induced γ -ray Emission of Quartz Grains for Forensic Trace Sediment Analysis. *Analytical Chemistry*. 2012 Mar 6;84(5):2260–2267.

72.

Konopinski DI, Hudziak S, Morgan RM, Bull PA, Kenyon AJ. Investigation of quartz grain surface textures by atomic force microscopy for forensic analysis. *Forensic Science International*. 2012 Nov;223(1–3):245–255.

73.

Newell AJ, Morgan RM, Griffin LD, Bull PA, Marshall JR, Graham G. Automated Texture Recognition of Quartz Sand Grains for Forensic Applications*. *Journal of Forensic Sciences*. 2012 Sep;57(5):1285–1289.

74.

Sugita R, Marumo Y. Screening of soil evidence by a combination of simple techniques: validity of particle size distribution. *Forensic Science International*. 2001 Nov;122(2–3):155–158.

75.

Morgan RM, Bull PA. The philosophy, nature and practice of forensic sediment analysis. *Progress in Physical Geography*. 2007 Feb;31(1):43–58.

76.

Newell AJ, Morgan RM, Griffin LD, Bull PA, Marshall JR, Graham G. Automated Texture

Recognition of Quartz Sand Grains for Forensic Applications*. Journal of Forensic Sciences. 2012 Sep;57(5):1285–1289.

77.

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

78.

Green N. Get ready for CSI: Soil. The Guardian; 2011; Available from: <https://www.theguardian.com/science/blog/2011/sep/13/forensic-science-content-transference>

79.

1969 FBI Soil Exam Video [Internet]. 8AD. Available from: <https://www.youtube.com/watch?v=1Op0-A752IY>

80.

The Soil Sleuth [Internet]. 21AD. Available from: <https://www.youtube.com/watch?v=NyurHTD2Kro>

81.

Zala, Krista. Dirty Science: Soil Forensics Digs into New Techniques. Science [Internet]. 318(5849):386–387. Available from: https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_jstor_archive_2320051376&context=PC&vid=UCL_VU2□=en_US&search_scope=CS COP_UCL&adaptor=primo_central_multiple_fe&tab=local&query=any,contains,Dirty%20Science:%20Soil%20Forensics%20Digs%20Into%20New%20Techniques&sortby=rank

82.

Bull PA, Morgan RM, Freudiger-Bonzon J. A critique of the present use of some geochemical techniques in geoforensic analysis. Forensic Science International. 2008 Jul;178(2–3):e35–e40.

83.

Ritz K, Dawson L, Miller D. Criminal and environmental soil forensics [Internet]. [Dordrecht?]: Springer; 2009. Available from: <https://ebookcentral.proquest.com/lib/ucl/detail.action?docID=417347>

84.

Pye K, Blott SJ, Croft DJ, Carter JF. 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*. 2006 Nov;163(1-2):59-80.

85.

Rawlins BG, Cave M. Investigating multi-element soil geochemical signatures and their potential for use in forensic studies. *Geological Society, London, Special Publications*; 2004;232:197-206.

86.

McCulloch G, Dawson LA, Brewer MJ, Morgan RM. The identification of markers for Geoforensic HPLC profiling at close proximity sites. *Forensic Science International*. 2017 Mar;272:127-141.

87.

Cheshire K, Morgan RM, Holmes J. The potential for geochemical discrimination of single- and mixed-source soil samples from close proximity urban parkland locations. *Australian Journal of Forensic Sciences*. 2017 Mar 4;49(2):161-174.

88.

Bell S. *Forensic chemistry*. Upper Saddle River, N.J.: Pearson Prentice Hall; 2006.

89.

Saferstein R. *Criminalistics: an introduction to forensic science*. Edition 11, global edition.

Boston: Pearson; 2015.

90.

Saferstein R. Criminalistics: an introduction to forensic science. Edition 11, global edition. Boston: Pearson; 2015.

91.

Muccio Z, Jackson GP. Isotope ratio mass spectrometry. The Analyst. 2009;134(2):213–222.

92.

Pye K, Croft D. Forensic analysis of soil and sediment traces by scanning electron microscopy and energy-dispersive X-ray analysis: An experimental investigation. Forensic Science International. 2007 Jan;165(1):52–63.

93.

Croft DJ, Pye K. 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. 2003 Dec 15;17(23):2581–2584.

94.

Reidy L, Bu K, Godfrey M, Cizdziel JV. Elemental fingerprinting of soils using ICP-MS and multivariate statistics: A study for and by forensic chemistry majors. Forensic Science International. 2013 Dec;233(1–3):37–44.

95.

Quaak FCA, Kuiper I. Statistical data analysis of bacterial t-RFLP profiles in forensic soil comparisons. Forensic Science International. 2011 Jul;210(1–3):96–101.

96.

Young JM, Weyrich LS, Cooper A. Forensic soil DNA analysis using high-throughput

sequencing: A comparison of four molecular markers. *Forensic Science International: Genetics*. 2014 Nov;13:176–184.

97.

Amendt J, Campobasso CP, Gaudry E, Reiter C, LeBlanc HN, J. R. Hall M. Best practice in forensic entomology—standards and guidelines. *International Journal of Legal Medicine*. 2007 Mar;121(2):90–104.

98.

Amendt J, Richards CS, Campobasso CP, Zehner R, Hall MJR. Forensic entomology: applications and limitations. *Forensic Science, Medicine, and Pathology*. 2011 Dec;7(4):379–392.

99.

Márquez-Grant N, Roberts J, editors. *Forensic Ecology Handbook* [Internet]. Chichester, UK: John Wiley & Sons, Ltd; 2012. Available from: <http://doi.wiley.com/10.1002/9781118374016>

100.

Bugelli V, Forni D, Bassi LA, Di Paolo M, Marra D, Lenzi S, Toni C, Giusiani M, Domenici R, Gherardi M, Vanin S. Forensic Entomology and the Estimation of the Minimum Time Since Death in Indoor Cases. *Journal of Forensic Sciences*. 2015 Mar;60(2):525–531.

101.

Catts EP, Goff ML. Forensic Entomology in Criminal Investigations. *Annual Review of Entomology*. 1992 Jan;37(1):253–272.

102.

Bernard Greenberg. Flies as Forensic Indicators. *Journal of Medical Entomology* [Internet]. The Oxford University Press; 1991;28(5):565–577. Available from: <http://jme.oxfordjournals.org/content/28/5/565.long>

103.

Maehly A, Williams RL, editors. Forensic Science Progress 5 [Internet]. Berlin, Heidelberg: Springer Berlin Heidelberg; 1991. Available from: <http://link.springer.com/10.1007/978-3-642-58233-2>

104.

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

105.

Abdulla S. The buzzing detective. news@nature. 1999 Sep 23;

106.

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

107.

Forensic entomology - The crime scene (Wellcome Collection) [Internet]. 5AD. Available from: <https://www.youtube.com/watch?v=HIVKISCmjTQ>

108.

Cameron NG. The use of diatom analysis in forensic geoscience. Geological Society, London, Special Publication; 2004;232:277-280. Available from: <http://sp.lyellcollection.org/content/232/1/277>

109.

Peabody AJ, Cameron NG. Forensic science and diatoms. In: Smol JP, Stoermer EF, editors. The Diatoms [Internet]. Cambridge: Cambridge University Press; 2010. p. 534-539. Available from: <http://ebooks.cambridge.org/ref/id/CBO9780511763175A041>

110.

Scott KR, Morgan RM, Jones VJ, Cameron NG. The transferability of diatoms to clothing and the methods appropriate for their collection and analysis in forensic geoscience. *Forensic Science International*. 2014 Aug;241:127–137.

111.

Cox EJ. Diatoms and Forensic Science. In: Márquez-Grant N, Roberts J, editors. *Forensic Ecology Handbook* [Internet]. Chichester, UK: John Wiley & Sons, Ltd; 2012. p. 141–151. Available from: <http://doi.wiley.com/10.1002/9781118374016.ch9>

112.

Piette MHA, De Letter EA. Drowning: Still a difficult autopsy diagnosis. *Forensic Science International*. 2006 Nov;163(1–2):1–9.

113.

Pollanen MS. Diatoms and homicide. *Forensic Science International*. 1998 Jan;91(1):29–34.

114.

Siver PA, Lord WD, McCarthy DJ. Forensic Limnology: The Use of Freshwater Algal Community Ecology to Link Suspects to an Aquatic Crime Scene in Southern New England. *Journal of Forensic Sciences*; 1994;39(3):847–853. Available from: https://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS13663J.htm

115.

Zimmerman KA, Wallace JR. 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*. 2008 Jul;53(4):935–941.

116.

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

117.

Forensic Files Historic Cases Reel Danger [Internet]. 13AD. Available from: <https://www.youtube.com/watch?v=cXcYpd1iacM>

118.

Brock JH, Norris DO. Forensic botany: an under-utilized resource. *Journal of Forensic Sciences*; 1997;42(3):364–367. Available from: https://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS14130J.htm

119.

Horrocks M, Walsh KAJ. Forensic palynology: assessing the value of the evidence. *Review of Palaeobotany and Palynology*. 1998 Sep;103(1–2):69–74.

120.

Mildenhall DC, Wiltshire PEJ, Bryant VM. Forensic palynology: Why do it and how it works. *Forensic Science International*. 2006 Nov;163(3):163–172.

121.

Brown AG. The use of forensic botany and geology in war crimes investigations in NE Bosnia. *Forensic Science International*. 2006 Nov;163(3):204–210.

122.

Hawksworth DL, Wiltshire PEJ. Forensic mycology: the use of fungi in criminal investigations. *Forensic Science International*. 2011 Mar;206(1–3):1–11.

123.

Mildenhall DC. *Hypericum* pollen determines the presence of burglars at the scene of a crime: An example of forensic palynology. *Forensic Science International*. 2006 Nov;163(3):231–235.

124.

Wiltshire PEJ. Consideration of some taphonomic variables of relevance to forensic palynological investigation in the United Kingdom. *Forensic Science International*. 2006 Nov;163(3):173–182.

125.

Plant detectives: How brambles can help solve murder cases - Dr Mark Spencer [Internet]. Available from:
<http://www.bbc.co.uk/programmes/articles/5q2xGXDZv0S7hg3KQl11vNg/plant-detectives-how-bramble-and-co-can-help-solve-crimes>

126.

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

127.

Jonathan Drori: Every pollen grain has a story [Internet]. 8AD. Available from:
<https://www.youtube.com/watch?v=vXDJ-nAyKKE&feature=youtu.be>

128.

Márquez-Grant N, Roberts J. *Forensic ecology handbook: from crime scene to court* [Internet]. Chichester: Wiley-Blackwell; 2012. Available from:
http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3189830300004761&institutionId=4761&customerId=4760

129.

Micropalaeontological Society. *The archaeological and forensic applications of microfossils: a deeper understanding of human history*. Williams M, Hill T, Boomer I, Wilkinson I, editors. London: Published for the Micropalaeontological Society by the Geological Society; 2017.

130.

Missing Persons [Internet]. Routledge; 2016. Available from:
<https://www.taylorfrancis.com/books/9781315595603>

131.

Cox M. The scientific investigation of mass graves: towards protocols and standard operating procedures. New York: Cambridge University Press; 2008.

132.

Brown, Antony G. The combined use of pollen and soil analyses in a search and subsequent murder investigation. Journal of Forensic Sciences [Internet]. 47(3):614-618. Available from:
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

133.

Bryant VM, Jones GD. Forensic palynology: Current status of a rarely used technique in the United States of America. Forensic Science International. 2006 Nov;163(3):183-197.

134.

Bryant VM, Jones JG, Mildenhall DC. Forensic palynology in the United States of America. Palynology. 1990 Dec;14(1):193-208.

135.

Horrocks, Mark. Forensic palynology: Variation in the pollen content of soil surface samples. Journal of Forensic Sciences [Internet]. 43(2). Available from:
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

136.

Horrocks, Mark. Fine resolution of pollen patterns in limited space: Differentiating a crime scene and alibi scene seven meters apart. *Journal of Forensic Sciences* [Internet].

44(2):417–420. Available from:

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

137.

Jantunen J, Saarinen K. Pollen transport by clothes. *Aerobiologia*. 2011 Dec;27(4):339–343.

138.

Mildenhall DC. Forensic palynology in New Zealand. *Review of Palaeobotany and Palynology*. 1990 Oct;64(1–4):227–234.

139.

Pye K, Croft DJ, Geological Society of London. *Forensic geoscience: principles, techniques and applications*. London: Geological Society; 2004.

140.

Riding, Jb. Changes in soil pollen assemblages on footwear worn at different sites.

Palynology [Internet]. 31:135–151. Available from:

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

141.

Ruffell A. Forensic pedology, forensic geology, forensic geoscience, geoforensics and soil forensics. *Forensic Science International*. 2010 Oct;202(1–3):9–12.

142.

Ruffell A, Wiltshire P. Conjunctive use of quantitative and qualitative X-ray diffraction analysis of soils and rocks for forensic analysis. *Forensic Science International*. 2004 Oct;145(1):13–23.

143.

Wiltshire PEJ. Consideration of some taphonomic variables of relevance to forensic palynological investigation in the United Kingdom. *Forensic Science International*. 2006 Nov;163(3):173–182.

144.

Wiltshire PEJ, Black S. The cribriform approach to the retrieval of palynological evidence from the turbinates of murder victims. *Forensic Science International*. 2006 Nov;163(3):224–230.

145.

Zavada MS, McGraw SM, Miller MA. The role of clothing fabrics as passive pollen collectors in the north-eastern United States. *Grana*. 2007 Dec;46(4):285–291.

146.

Hawksworth DL, Wiltshire PEJ. Forensic mycology: the use of fungi in criminal investigations. *Forensic Science International*. 2011 Mar;206(1–3):1–11.

147.

Etienne D, Jouffroy-Bapicot I. Optimal counting limit for fungal spore abundance estimation using *Sporormiella* as a case study. *Vegetation History and Archaeobotany*. 2014 Nov;23(6):743–749.

148.

Moore PD, Webb JA, Collinson ME. *Pollen analysis*. 2nd ed. Oxford: Blackwell Scientific Publications; 1991.

149.

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* [Internet]. 27(1):15–24. Available from:

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%20deposit%20samples:%20comparison%20with%20the%20conventional%20method.%20Boreas%2027,&sortby=rank

150.

Ruffell A, McKinley J. *Geoforensics* [Internet]. Chichester, UK: John Wiley & Sons, Ltd; 2008. Available from: <http://doi.wiley.com/10.1002/9780470758854>

151.

Dent BB, Forbes SL, Stuart BH. Review of human decomposition processes in soil. *Environmental Geology*. 2004 Feb 1;45(4):576–585.

152.

Forbes SL, Stuart BH, Dent BB. The identification of adipocere in grave soils. *Forensic Science International*. 2002 Jul;127(3):225–230.

153.

Forbes SL, Stuart BH, Dent BB. The effect of the burial environment on adipocere formation. *Forensic Science International*. 2005 Nov;154(1):24–34.

154.

Forbes SL, Dent BB, Stuart BH. The effect of soil type on adipocere formation. *Forensic Science International*. 2005 Nov;154(1):35–43.

155.

Haglund W, Sorg M, editors. Forensic Taphonomy [Internet]. CRC Press; 1996. Available from: <http://www.crcnetbase.com/doi/book/10.1201/9781439821923>

156.

Stover E, Haglund WD, Samuels M. Exhumation of Mass Graves in Iraq. JAMA. 2003 Aug 6;290(5).

157.

Tibbett M, Carter DO, editors. Soil analysis in forensic taphonomy : chemical and biological effects of buried human remains [Internet]. Boca Raton, Florida: CRC; 2008. Available from:

[http://explore.bl.uk/primo_library/libweb/action/display.do?tabs=moreTab&ct=display&fn=search&doc=BLL01014458757&indx=1&reclids=BLL01014458757&recldxs=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&reclids=BLL01014458757&recldxs=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)

158.

The fascinating process of human decomposition [Internet]. 2014. Available from: <https://www.youtube.com/watch?v=OFJrow7yaec&feature=youtu.be>

159.

Waxing Historical: A Potted History of Adipocere [Internet]. 12AD. Available from: <https://www.youtube.com/watch?v=apLz4uT6jWY&feature=youtu.be>

160.

Anderson GS, Hobischak NR. Decomposition of carrion in the marine environment in British Columbia, Canada. International Journal of Legal Medicine. 2004 Aug;118(4).

161.

Delabarde T, Keyser C, Tracqui A, Charabidze D, Ludes B. The potential of forensic analysis on human bones found in riverine environment. *Forensic Science International*. 2013 May;228(1-3):e1-e5.

162.

Keiper JB, Casamatta DA. Benthic organisms as forensic indicators. *Journal of the North American Benthological Society*. 2001 Jun;20(2):311-324.

163.

Parker R, Ruffell A, Hughes D, Pringle J. Geophysics and the search of freshwater bodies: A review. *Science & Justice*. 2010 Sep;50(3):141-149.

164.

Dickson GC, Poulter RTM, Maas EW, Probert PK, Kieser JA. Marine bacterial succession as a potential indicator of postmortem submersion interval. *Forensic Science International*. 2011 Jun;209(1-3):1-10.

165.

Magni PA, Venn C, Aquila I, Pepe F, Ricci P, Di Nunzio C, Ausania F, Dadour IR. 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*. 2015 Feb;247:e6-e10.

166.

Mateus M, de Pablo H, Vaz N. An investigation on body displacement after two drowning accidents. *Forensic Science International*. 2013 Jun;229(1-3):e6-e12.

167.

Merritt RW, Wallace JR. The role of aquatic insects in forensic investigations. In: Byrd JH, Castner JL, editors. *Forensic entomology : the utility of arthropods in legal investigations* [Internet]. Boca Raton: CRC Press; 2000. p. 271-320. Available from: 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

168.

Ruffell A. Under-water Scene Investigation Using Ground Penetrating Radar (GPR) in the Search for a Sunken Jet ski, Northern Ireland. Science & Justice. 2006 Oct;46(4):221-230.

169.

Police Divers & Underwater Investigations. Law Officer; Available from: <http://lawofficer.com/archive/police-divers-underwater-investigations/>

170.

Underwater Forensics (Science Channel) [Internet]. Available from: <http://www.sciencechannel.com/tv-shows/science-channel-presents/videos/discoveries-this-week-underwater-forensics/>

171.

Underwater Forensics Robot on Beyond Tomorrow [Internet]. Available from: <http://www.dailymotion.com/video/x2xj6jp>

172.

Flanagan RJ. Cut Costs at All Costs! Forensic Science International. 2018 Sep;290:e26-e28.

173.

Schneider CA, Rasband WS, Eliceiri KW. NIH Image to ImageJ: 25 years of image analysis. Nature Methods. 2012 Jul;9(7):671-675.

174.

Cook R, Evett IW, Jackson G, Jones PJ, Lambert JA. A hierarchy of propositions: deciding which level to address in casework. *Science & Justice*. 1998 Oct;38(4):231–239.

175.

White P. *Crime scene to court: the essentials of forensic science*. 2nd ed. Cambridge, UK: Royal Society of Chemistry; 2004.

176.

Reference and Research Book News. Ringgold Inc; 2001;16(4). Available from: [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&adapter=primo_central_multiple_fe&tab=local&query=any,contains,Houck,%20M.%20M.%20\(2001\).%20Mute%20witnesses:%20Trace%20evidence%20analysis:%20Academic%20Press.&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&adapter=primo_central_multiple_fe&tab=local&query=any,contains,Houck,%20M.%20M.%20(2001).%20Mute%20witnesses:%20Trace%20evidence%20analysis:%20Academic%20Press.&sortby=rank)

177.

Inman K, Rudin N. The origin of evidence. *Forensic Science International*. 2002 Mar;126(1):11–16.

178.

Evett IW, Berger CEH, Buckleton JS, Champod C, Jackson G. Finding the way forward for forensic science in the US—A commentary on the PCAST report. *Forensic Science International*. 2017 Sep;278:16–23.

179.

Morgan RM, Wiltshire P, Parker A, Bull PA. The role of forensic geoscience in wildlife crime detection. *Forensic Science International*. 2006 Oct;162(1–3):152–162.

180.

Morgan, RM. Conceptualising forensic science and forensic reconstruction. Part I: A conceptual model [Internet]. 2017. Available from: 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

181.

Ruffell A, McKinley J. Geoforensics [Internet]. Chichester, UK: John Wiley & Sons, Ltd; 2008. Available from: <http://doi.wiley.com/10.1002/9780470758854>

182.

Bull PA, Morgan RM, Sagovsky A, Hughes GJA. The Transfer and Persistence of Trace Particulates: Experimental studies using clothing fabrics. *Science & Justice*. 2006 Jul;46(3):185–195.

183.

French JC, Morgan RM, Baxendell P, Bull PA. Multiple transfers of particulates and their dissemination within contact networks. *Science & Justice*. 2012 Mar;52(1):33–41.

184.

Morgan RM, Davies G, Balestri F, Bull PA. The recovery of pollen evidence from documents and its forensic implications. *Science & Justice*. 2013 Dec;53(4):375–384.

185.

Morgan, RM. The forensic analysis of sediments recovered from footwear. *Criminal and Environmental Soil Forensics* [Internet]. Springer; 2009. Available from: https://ucl.primo.exlibrisgroup.com/permalink/44UCL_INST/167dvkm/alma9931231541804761

186.

Slot A, van der Weerd J, Roos M, Baiker M, Stoel RD, Zuidberg MC. Tracers as invisible evidence — The transfer and persistence of flock fibres during a car exchange. *Forensic Science International*. 2017 Jun;275:178–186.

187.

Analyzing fluorescence microscopy images with ImageJ [Internet]. Available from: http://www.microscopist.co.uk/wp-content/uploads/2018/09/ImageJ_FL_Image_Analysis.pdf

188.

Kloster, Michael. *Fragilariopsis kerguelensis* images from sediment core PS1768-8, supplement to: Kloster, Michael; Kauer, Gerhard; Beszteri, Bábk (2014): SHERPA: an image segmentation and outline feature extraction tool for diatoms and other objects. *BMC Bioinformatics*, 15(1), 218 [Internet]. PANGAEA - Data Publisher for Earth & Environmental Science; 2014. Available from: [https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_datate3780485&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](https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_datate3780485&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)

189.

Kloster, Michael. 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, Bábk (2018): Morphometry of the diatom *Fragilariopsis kerguelensis* from Southern Ocean sediment: High-throughput measurements show second morphotype occurring during glacials. *Marine Micropaleontology* [Internet]. PANGAEA - Data Publisher for Earth & Environmental Science; 2018. Available from: [https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_datate15843521&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](https://ucl-new-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=TN_datate15843521&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)

190.

Levin EA, Morgan RM, Griffin LD, Jones VJ. A Comparison of Thresholding Methods for Forensic Reconstruction Studies Using Fluorescent Powder Proxies for Trace Materials. *Journal of Forensic Sciences*. 2018 Oct 25;

191.

Levin EA, Morgan RM, Griffin LD, Jones VJ. A Comparison of Thresholding Methods for Forensic Reconstruction Studies Using Fluorescent Powder Proxies for Trace Materials. *Journal of Forensic Sciences*. 2018 Oct 25;

192.

Schneider CA, Rasband WS, Eliceiri KW. NIH Image to ImageJ: 25 years of image analysis. *Nature Methods*. 2012 Jul;9(7):671–675.

193.

Schulze K, Tillich UM, Dandekar T, Frohme M. PlanktoVision – an automated analysis system for the identification of phytoplankton. *BMC Bioinformatics*. 2013;14(1).

194.

Cox MR, Budhu M. A practical approach to grain shape quantification. *Engineering Geology*. 2008 Jan;96(1–2):1–16.

195.

Cox MR, Budhu M. A practical approach to grain shape quantification. *Engineering Geology*. 2008 Jan;96(1–2):1–16.

196.

Igathinathane C, Pordesimo LO, Columbus EP, Batchelor WD, Sokhansanj S. Sieveless particle size distribution analysis of particulate materials through computer vision. *Computers and Electronics in Agriculture*. 2009 May;66(2):147–158.

197.

Mazzoli A, Favoni O. Particle size, size distribution and morphological evaluation of airborne dust particles of diverse woods by Scanning Electron Microscopy and image processing program. *Powder Technology*. 2012 Jul;225:65–71.

198.

Mazzoli A, Moriconi G. Particle size, size distribution and morphological evaluation of glass fiber reinforced plastic (GRP) industrial by-product. *Micron*. 2014 Dec;67:169–178.