

# ARCLG151: Forensic Anthropology

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1.  
Haas J, Buikstra JE, Ubelaker DH, Aftandilian D, Field Museum of Natural History. Standards for data collection from human skeletal remains: proceedings of a seminar at the Field Museum of Natural History, organized by Jonathan Haas. Vol. Arkansas Archeological Survey research series. Fayetteville, Ark: Arkansas Archeological Survey; 1994.
  
  2.  
Dirkmaat D. A companion to forensic anthropology [Internet]. Vol. Blackwell companions to anthropology. Chichester: Wiley-Blackwell; 2012. Available from: <https://onlinelibrary-wiley-com.libproxy.ucl.ac.uk/doi/book/10.1002/9781118255377>
  
  3.  
Ubelaker DH, Blau S, World Archaeological Congress (Organization). Handbook of forensic anthropology and archaeology. Vol. World Archaeological Congress research handbooks. Walnut Creek, Calif: Left Coast Press; 2009.
  
  4.  
Byers SN. Introduction to forensic anthropology. 3rd ed. Boston: Pearson/Allyn and Bacon; 2008.
  
  5.  
Rathbun TA, Buikstra JE. Human identification: case studies in forensic anthropology. Springfield, Ill: Thomas; 1984.

6.

Dix J, Graham MA. Time of death, decomposition and identification: an atlas. Vol. Causes of death atlas series. Boca Raton, Fla: CRC; 2000.

7.

Fairgrieve SI. Forensic osteological analysis: a book of case studies [Internet]. Springfield, Ill: Charles C. Thomas; 1999. Available from: <https://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=nlebk&AN=665810&site=ehost-live&scope=site&custid=s8454451>

8.

Galloway A. Broken bones: anthropological analysis of blunt force trauma. Springfield, Ill: Charles C. Thomas; 1999.

9.

Burns KR, Wallington J. Forensic anthropology training manual. 2nd ed. Upper Saddle River, N.J.: Pearson/Prentice Hall; 2007.

10.

Reichs KJ. Forensic osteology: advances in the identification of human remains. 2nd ed. Springfield, IL: Charles C Thomas; 1998.

11.

Schmitt A, Cunha E, Pinheiro J. Forensic anthropology and medicine: complementary sciences from recovery to cause of death [Internet]. Totowa, N.J.: Humana Press; 2006. Available from: [https://ucl.primo.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package\\_service\\_id=15010734910004761&institutionId=4761&customerId=4760&VE=true](https://ucl.primo.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=15010734910004761&institutionId=4761&customerId=4760&VE=true)

12.

Tersigni-Tarrant M, Shirley NR. Forensic anthropology: an introduction. Boca Raton: CRC Press; 2013.

13.

Wagner S. Color atlas of the autopsy. Boca Raton: CRC Press; 2004.

14.

Steadman DW. Hard evidence: case studies in forensic anthropology. Upper Saddle River, N.J.: Prentice Hall; 2003.

15.

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

16.

Haglund WD, Sorg MH. Forensic taphonomy: the postmortem fate of human remains. Boca Raton: CRC Press; 1997.

17.

Adams BJ, Byrd JE. Recovery, analysis, and identification of commingled human remains. Totowa, N.J.: Humana; 2008.

18.

Haglund WD, Sorg MH. Advances in forensic taphonomy: method, theory, and archaeological perspectives. Boca Raton, Fla: CRC; 2002.

19.

American Journal of Physical Anthropology. Available from:  
[http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1096-8644/issues](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1096-8644/issues)

20.

United States. Federal Bureau of Investigation. FBI law enforcement bulletin. Available from: <http://search.proquest.com/publication/6543?OpenUrlRefId=info:xri/sid:primo>

21.

Forensic science international.

22.

Journal of Forensic Dental Sciences. Available from:  
<http://search.proquest.com/publication/226483>

23.

Journal of Forensic and Legal Medicine. Available from:  
<http://www.sciencedirect.com/science/journal/1752928X>

24.

American Academy of Forensic Sciences, American Society for Testing and Materials.  
Journal of forensic sciences.

25.

American Association for the Surgery of Trauma, Eastern Association for the Surgery of Trauma, Trauma Association of Canada, Western Trauma Association. The journal of trauma and acute care surgery.

26.

International journal of burns and trauma.

27.

American Medical Association. JAMA: the journal of the American Medical Association.

28.

Forensic Science Society, California Association of Criminalists. Science & justice: journal of the Forensic Science Society.

29.

National Association of Medical Examiners (U.S.). The American journal of forensic medicine and pathology.

30.

Komar DA. Twenty-Seven Years of Forensic Anthropology Casework in New Mexico. Journal of Forensic Sciences [Internet]. 2003;48(3):1-4. Available from: [http://compass.astm.org/DIGITAL\\_LIBRARY/JOURNALS/JFS/PAGES/JFS2002078.htm](http://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS2002078.htm)

31.

Page M, Taylor J, Blenkin M. Forensic Identification Science Evidence Since Daubert: Part I-A Quantitative Analysis of the Exclusion of Forensic Identification Science Evidence. Journal of Forensic Sciences. 2011 Sep;56(5):1180-4.

32.

Komar DA, Grivas C. Manufactured populations: What do contemporary reference skeletal collections represent? A comparative study using the Maxwell Museum documented collection. American Journal of Physical Anthropology. 2008 Oct;137(2):224-33.

33.

Grivas CR, Komar DA. , , and the Nature of Scientific Inquiry: Implications for Forensic Anthropology. Journal of Forensic Sciences. 2008 Jul;53(4):771-6.

34.

Holobinko A. Forensic human identification in the United States and Canada: A review of the law, admissible techniques, and the legal implications of their application in forensic cases. Forensic Science International. 2012 Oct;222(1-3):394.e1-394.e13.

35.

İşcan MY. Global forensic anthropology in the 21st century. *Forensic Science International*. 2001 Mar;117(1-2):1-6.

36.

Kranioti EF, Paine RR. Forensic anthropology in Europe: An assessment of current status and application. *Journal of Anthropological Sciences* [Internet]. 2011;89:71-92. Available from: <http://www.isita-org.com/jass/Contents/2011Vol89/e-pub/20841632.pdf>

37.

Cattaneo C. Forensic anthropology: developments of a classical discipline in the new millennium. *Forensic Science International*. 2007 Jan;165(2-3):185-93.

38.

Baraybar JP. When DNA is Not Available, Can We Still Identify People? Recommendations for Best Practice. *Journal of Forensic Sciences*. 2008 May;53(3):533-40.

39.

Archer MS, Basset RB, Briggs CA, Lynch MJ. Social isolation and delayed discovery of bodies in houses: The value of forensic pathology, anthropology, odontology and entomology in the medico-legal investigation. *Forensic Science International*. 2005 Jul;151(2-3):259-65.

40.

Kemkes-Grottenthaler A. The reliability of forensic osteology — a case in point. *Forensic Science International*. 2001 Mar;117(1-2):65-72.

41.

Walker PL. Sexing skulls using discriminant function analysis of visually assessed traits. *American Journal of Physical Anthropology*. 2008 May;136(1):39-50.

42.

Haun Susan Jones. Brief communication: A study of the predictive accuracy of mandibular ramus flexure as a singular morphologic indicator of sex in an archaeological sample. *American Journal of Physical Anthropology* [Internet]. 2000;111(3):429-32. Available from: [http://onlinelibrary.wiley.com/doi/10.1002/\(SICI\)1096-8644\(200003\)111:3%3C429::AID-AJPA9%3E3.0.CO;2-1/abstract](http://onlinelibrary.wiley.com/doi/10.1002/(SICI)1096-8644(200003)111:3%3C429::AID-AJPA9%3E3.0.CO;2-1/abstract)

43.

Walker PL. Greater sciatic notch morphology: Sex, age, and population differences. *American Journal of Physical Anthropology*. 2005 Aug;127(4):385-91.

44.

Andreasson H, Allen M. Rapid Quantification and Sex Determination of Forensic Evidence Materials. *Journal of forensic sciences* [Internet]. 2003;48(6). Available from: [http://compass.astm.org/DIGITAL\\_LIBRARY/JOURNALS/JFS/PAGES/JFS2002416.htm](http://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS2002416.htm)

45.

Williams BA, Rogers TracyL. Evaluating the Accuracy and Precision of Cranial Morphological Traits for Sex Determination. *Journal of Forensic Sciences*. 2006 Jul;51(4):729-35.

46.

Rogers TracyL. Determining the Sex of Human Remains Through Cranial Morphology. *Journal of Forensic Sciences* [Internet]. 2005;50(3):493-500. Available from: [http://compass.astm.org/DIGITAL\\_LIBRARY/JOURNALS/JFS/PAGES/JFS2003385.htm](http://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS2003385.htm)

47.

Dix J, Graham MA. Time of death, decomposition and identification: an atlas. Vol. Causes of death atlas series. Boca Raton, Fla: CRC; 2000.

48.

Magana C, Ubelaker D. Interpretation of Postmortem Change in Cadavers in Spain. *Journal*

of Forensic Sciences [Internet]. 2004;49(5):918–23. Available from:  
[http://compass.astm.org/DIGITAL\\_LIBRARY/JOURNALS/JFS/PAGES/JFS2003337.htm](http://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS2003337.htm)

49.

Mohan Kumar TS, Monteiro FNP, Bhagavath P, Bakkannavar SM. Early adipocere formation: A case report and review of literature. *Journal of Forensic and Legal Medicine*. 2009 Nov;16(8):475–7.

50.

Pakosh CM, Rogers TL. Soft Tissue Decomposition of Submerged, Dismembered Pig Limbs Enclosed in Plastic Bags. *Journal of Forensic Sciences*. 2009 Nov;54(6):1223–8.

51.

Pinheiro J, Cunha E. Forensic investigations of corpses in various states of decomposition: A multidisciplinary approach. In: *Forensic anthropology and medicine: complementary sciences from recovery to cause of death*. Totowa, N.J.: Humana Press; 2006. p. 159–95.

52.

Zhou C, Byard RW. Factors and processes causing accelerated decomposition in human cadavers – An overview. *Journal of Forensic and Legal Medicine*. 2011 Jan;18(1):6–9.

53.

Schotsmans EMJ, Van de Voorde W, De Winne J, Wilson AS. The impact of shallow burial on differential decomposition to the body: A temperate case study. *Forensic Science International*. 2011 Mar;206(1–3):e43–8.

54.

Ubelaker DH, Zarenko KM. Adipocere: What is known after over two centuries of research. *Forensic Science International*. 2011 May;208(1–3):167–72.

55.

Stokes KL, Forbes SL, Tibbett M. Human Versus Animal: Contrasting Decomposition Dynamics of Mammalian Analogues in Experimental Taphonomy. *Journal of Forensic Sciences*. 2013 May;58(3):583-91.

56.

Simmons T, Adlam RE, Moffatt C. Debugging Decomposition Data—Comparative Taphonomic Studies and the Influence of Insects and Carcass Size on Decomposition Rate. *Journal of Forensic Sciences*. 2010 Jan;55(1):8-13.

57.

Swann LM, Forbes SL, Lewis SW. Analytical separations of mammalian decomposition products for forensic science: A review. *Analytica Chimica Acta*. 2010 Dec;682(1-2):9-22.

58.

Campobasso CP, Di Vella G, Introna F. Factors affecting decomposition and Diptera colonization. *Forensic Science International*. 2001 Aug;120(1-2):18-27.

59.

Ferreira MT, Cunha E. Can we infer post mortem interval on the basis of decomposition rate? A case from a Portuguese cemetery. *Forensic Science International*. 2013 Mar;226(1-3):298.e1-298.e6.

60.

Garvin HM, Passalacqua NV. Current Practices by Forensic Anthropologists in Adult Skeletal Age Estimation\*. *Journal of Forensic Sciences*. 2012 Mar;57(2):427-33.

61.

Brooks ST, Suchey JM. Skeletal age determination based on the os pubis: A comparison of the Ascaadi-Nemekeri and Suchey-Brooks methods. *Human evolution*. 1990;5:227-38.

62.

Walker PL. Greater sciatic notch morphology: Sex, age, and population differences. *American Journal of Physical Anthropology*. 2005 Aug;127(4):385–91.

63.

Buckberry JL, Chamberlain AT. Age estimation from the auricular surface of the ilium: A revised method. *American Journal of Physical Anthropology*. 2002 Nov;119(3):231–9.

64.

Yoder C, Ubelaker DH, Powell JF. Examination of Variation in Sternal Rib End Morphology Relevant to Age Assessment. *Journal of Forensic Sciences*. 2001 Mar 1;46(2).

65.

Schmitt A, Murail P, Cunha E. Variability of the Pattern of Aging on the Human Skeleton: Evidence from Bone Indicators and Implications on Age at Death Estimation. *Journal of Forensic Sciences* [Internet]. 2002;47(6):1203–9. Available from: [http://compass.astm.org/DIGITAL\\_LIBRARY/JOURNALS/JFS/PAGES/JFS15551J.htm](http://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS15551J.htm)

66.

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

67.

Haglund WD, Sorg MH. *Advances in forensic taphonomy: method, theory, and archaeological perspectives*. Boca Raton, Fla: CRC; 2002.

68.

Dirkmaat DC, editor. *A Companion to Forensic Anthropology* [Internet]. Chichester, UK: John Wiley & Sons, Ltd; 2012. Available from: <http://doi.wiley.com/10.1002/9781118255377>

69.

Schotsmans EMJ, Van de Voorde W, De Winne J, Wilson AS. The impact of shallow burial on differential decomposition to the body: A temperate case study. *Forensic Science International*. 2011 Mar;206(1-3):e43-8.

70.

Carter DO, Yellowlees D, Tibbett M. Moisture can be the dominant environmental parameter governing cadaver decomposition in soil. *Forensic Science International*. 2010 Jul;200(1-3):60-6.

71.

Introna F, De Donno A, Santoro V, Corrado S, Romano V, Porcelli F, et al. The bodies of two missing children in an enclosed underground environment. *Forensic Science International*. 2011 Apr;207(1-3):e40-7.

72.

Meyer J, Anderson B, Carter DO. Seasonal Variation of Carcass Decomposition and Gravesoil Chemistry in a Cold (Dfa) Climate. *Journal of Forensic Sciences*. 2013 Sep;58(5):1175-82.

73.

Ubelaker DH, Zarenko KM. Adipocere: What is known after over two centuries of research. *Forensic Science International*. 2011 May;208(1-3):167-72.

74.

Cardoso HFV, Santos A, Dias R, Garcia C, Pinto M, Sérgio C, et al. Establishing a minimum postmortem interval of human remains in an advanced state of skeletonization using the growth rate of bryophytes and plant roots. *International Journal of Legal Medicine*. 2010 Sep;124(5):451-6.

75.

Stokes KL, Forbes SL, Tibbett M. Human Versus Animal: Contrasting Decomposition Dynamics of Mammalian Analogues in Experimental Taphonomy. *Journal of Forensic Sciences*. 2013 May;58(3):583-91.

76.

Janjua MA, Rogers TL. Bone weathering patterns of metatarsal v. femur and the postmortem interval in Southern Ontario. *Forensic Science International*. 2008 Jun;178(1):16–23.

77.

Ross AH, Cunningham SL. Time-since-death and bone weathering in a tropical environment. *Forensic Science International*. 2011 Jan;204(1–3):126–33.

78.

Christensen AM, Myers SW. Macroscopic Observations of the Effects of Varying Fresh Water pH on Bone. *Journal of Forensic Sciences*. 2011 Mar;56(2):475–9.

79.

İşcan MY. Forensic anthropology of sex and body size. *Forensic Science International*. 2005 Jan;147(2–3):107–12.

80.

Adams BJ, Hermann NP. Estimating living stature from selected anthropometric (soft tissue) measurements: How do these compare with osteometric (skeletal) measurements? *Proceedings of the American Academy of Forensic Sciences [Internet]*. 2006;12:279–180. Available from: <http://www.aafs.org/wp-content/uploads/ProceedingsSeattle2006.pdf>

81.

Trotter M, Gleser GC. A re-evaluation of estimation of stature based on measurements of stature taken during life and of long bones after death. *American Journal of Physical Anthropology*. 1958 Mar;16(1):79–123.

82.

Byers S, Akoshima K, Curran B. Determination of adult stature from metatarsal length. *American Journal of Physical Anthropology*. 1989 Jul;79(3):275–9.

83.

Fawzy IA, Kamal NN. Stature and Body Weight Estimation from Various Footprint Measurements Among Egyptian Population. *Journal of Forensic Sciences*. 2010 Mar 15;55(4):884-8.

84.

Sanli SG. Stature estimation based on hand length and foot length. *Clinical anatomy*. 2005;18(8):589-96.

85.

Wilson RJ, Herrmann NP, Jantz LM. Evaluation of Stature Estimation from the Database for Forensic Anthropology. *Journal of Forensic Sciences*. 2010 May;55(3):684-9.

86.

Krishan K, Kanchan T, Sharma A. Multiplication factor versus regression analysis in stature estimation from hand and foot dimensions. *Journal of Forensic and Legal Medicine*. 2012 May;19(4):211-4.

87.

Gonçalves D, Cunha E, Thompson TJU. Estimation of the pre-burning condition of human remains in forensic contexts. *International Journal of Legal Medicine*. 2015 Sep;129(5):1137-43.

88.

Haglund WD, Sorg MH. *Forensic taphonomy: the postmortem fate of human remains*. Boca Raton: CRC Press; 1997.

89.

Haglund WD, Sorg MH. *Advances in forensic taphonomy: method, theory, and archaeological perspectives*. Boca Raton, Fla: CRC; 2002.

90.

Dirkmaat D. A companion to forensic anthropology. Vol. Blackwell companions to anthropology. Chichester: Wiley-Blackwell; 2012.

91.

Fairgrieve SI. Forensic cremation: recovery and analysis. Boca Raton: CRC Press; 2008.

92.

Schmidt CW, Symes SA. The analysis of burned human remains. London: Academic Press; 2008.

93.

Ubelaker DH. The forensic evaluation of burned skeletal remains: A synthesis. Forensic Science International. 2009 Jan;183(1-3):1-5.

94.

Gruenthal A, Moffatt C, Simmons T. Differential Decomposition Patterns in Charred Versus Un-Charred Remains. Journal of Forensic Sciences. 2012 Jan;57(1):12-8.

95.

Thompson TJU. Recent advances in the study of burned bone and their implications for forensic anthropology. Forensic Science International. 2004 Dec;146:S203-5.

96.

Byers SN. Introduction to forensic anthropology. 3rd ed. Boston: Pearson/Allyn and Bacon; 2008.

97.

Krogman WM, İşcan MY. The human skeleton in forensic medicine. Springfield, Ill: Thomas; 1986.

98.

Sauer NJ. Forensic anthropology and the concept of race: If races don't exist, why are forensic anthropologists so good at identifying them? *Social Science & Medicine*. 1992 Jan;34(2):107-11.

99.

Buck TJ, Vidarsdottir US. A Proposed Method for the Identification of Race in Sub-Adult Skeletons: A Geometric Morphometric Analysis of Mandibular Morphology. *Journal of Forensic Sciences*. 2004;49(6):1-6.

100.

Abney M, McPeck MS, Ober C. Estimation of Variance Components of Quantitative Traits in Inbred Populations. *The American Journal of Human Genetics*. 2000 Feb;66(2):629-50.

101.

Ousley SD, Billeck WT, Hollinger RE. Federal Repatriation Legislation and the Role of Physical Anthropology in Repatriation. *American Journal of Physical Anthropology*. 2005;128(S41):2-32.

102.

Wescott DJ. Population Variation in Femur Subtrochanteric Shape. *Journal of Forensic Sciences*. 2005;50(2):1-8.

103.

Bamshad M, Wooding S, Salisbury BA, Stephens JC. Deconstructing the relationship between genetics and race. *Nature Reviews Genetics*. 2004 Aug;5(8):598-609.

104.

Hefner JT. Cranial Nonmetric Variation and Estimating Ancestry. *Journal of Forensic Sciences*. 2009 Sep;54(5):985-95.

105.

Relethford JH. Boas and beyond: Migration and craniometric variation. *American Journal of Human Biology*. 2004 Jul;16(4):379-86.

106.

Hughes CE, Juarez CA, Hughes TL, Galloway A, Fowler G, Chacon S. A Simulation for Exploring the Effects of the "Trait List" Method's Subjectivity on Consistency and Accuracy of Ancestry Estimations\*. *Journal of Forensic Sciences*. 2011 Sep;56(5):1094-106.

107.

S.D. dOusley NDS. The importance of testing and understanding statistical methods in the age of Daubert. Can Fordisc really classify individuals correctly only one percent of the time? *Proceedings | American Academy of Forensic Sciences* [Internet]. 2011;17:364-5. Available from: <http://www.aafs.org/resources/proceedings/>

108.

Ramsthaler F, Kreutz K, Verhoff MA. Accuracy of metric sex analysis of skeletal remains using Fordisc® based on a recent skull collection. *International Journal of Legal Medicine*. 2007 Oct 10;121(6):477-82.

109.

Elliott M, Collard M. FORDISC and the determination of ancestry from cranial measurements. *Biology Letters*. 2009 Dec 23;5(6):849-52.

110.

Adams BJ, Byrd JE. *Recovery, analysis, and identification of commingled human remains*. Totowa, N.J.: Humana; 2008.

111.

Haglund WD, Sorg MH. Advances in forensic taphonomy: method, theory, and archaeological perspectives. Boca Raton, Fla: CRC; 2002.

112.

Adams BJ, Byrd JE. Resolution of small-scale commingling: A case report from the Vietnam War. *Forensic Science International*. 2006 Jan;156(1):63-9.

113.

Rainio J, Hedman M, Karkola K, Lalu K, Peltola P, Ranta H, et al. Forensic osteological investigations in Kosovo. *Forensic Science International*. 2001 Oct;121(3):166-73.

114.

L'Abbé EN. A case of commingled remains from rural South Africa. *Forensic Science International*. 2005 Jul;151(2-3):201-6.

115.

Skinner M, Alempijevic D, Djuric-Srejjic M. Guidelines for International Forensic Bio-archaeology Monitors of Mass Grave Exhumations. *Forensic Science International*. 2003 Jul;134(2-3):81-92.

116.

Blau S, Briggs CA. The role of forensic anthropology in Disaster Victim Identification (DVI). *Forensic Science International*. 2011 Feb;205(1-3):29-35.

117.

Ubelaker DH, Blau S, World Archaeological Congress (Organization). Handbook of forensic anthropology and archaeology. Vol. World Archaeological Congress research handbooks. Walnut Creek, Calif: Left Coast Press; 2009.

118.

Rathbun TA, Buikstra JE. Human identification: case studies in forensic anthropology.

Springfield, Ill: Thomas; 1984.

119.

Dirkmaat D. A companion to forensic anthropology. Vol. Blackwell companions to anthropology. Chichester: Wiley-Blackwell; 2012.

120.

Hillson S, University College, London. Institute of Archaeology. Mammal bones and teeth: an introductory guide to methods of identification. London: Institute of Archaeology, University College London; 1992.

121.

Hillier ML, Bell LS. Differentiating Human Bone from Animal Bone: A Review of Histological Methods. *Journal of Forensic Sciences*. 2007 Mar;52(2):249-63.

122.

Owsley DW. Case Involving Differentiation of Deer and Human Bone Fragments. *Journal of Forensic Science* [Internet]. 1985;30(2):572-8. Available from: [http://compass.astm.org/DIGITAL\\_LIBRARY/JOURNALS/JFS/PAGES/JFS11842J.htm](http://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS11842J.htm)

123.

Currey JD. *Bones: structure and mechanics*. Princeton, NJ: Princeton University Press; 2002.

124.

Rodriguez-Martin C. Identification and differential diagnosis of traumatic lesions of the skeleton. In: *Forensic anthropology and medicine: complementary sciences from recovery to cause of death* [Internet]. Totowa, N.J.: Humana Press; 2006. p. 197-221. Available from: [https://ucl.primo.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package\\_service\\_id=15010734640004761&institutionId=4761&customerId=4760&VE=true](https://ucl.primo.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=15010734640004761&institutionId=4761&customerId=4760&VE=true)

125.

Sauer N. The timing of injuries and manner of death: Distinguishing among antemortem, perimortem, and postmortem trauma. In: *Forensic osteology: advances in the identification of human remains*. 2nd ed. Springfield, IL: Charles C Thomas; 1998. p. 321-32.

126.

von See C, Bormann KH, Schumann P, Goetz F, Gellrich NC, Rucker M. Forensic imaging of projectiles using cone-beam computed tomography. *Forensic Science International*. 2009 Sep;190(1-3):38-41.

127.

Horgan TJ, Gilchrist MD. The creation of three-dimensional finite element models for simulating head impact biomechanics. *International Journal of Crashworthiness*. 2003 Jan;8(4):353-66.

128.

Reuhl J, Bratzke H. Death caused by a chain saw – homicide, suicide or accident? *Forensic Science International*. 1999 Nov;105(1):45-59.

129.

Pollanen M, Chiasson D. Fracture of the Hyoid Bone in Strangulation: Comparison of Fractured and Unfractured Hyoids from Victims of Strangulation. *Journal of Forensic Sciences* [Internet]. 1996;41(1):110-3. Available from: [http://compass.astm.org/DIGITAL\\_LIBRARY/JOURNALS/JFS/PAGES/JFS13904J.htm](http://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS13904J.htm)

130.

Dedouit F, Tournel G, Bécart A, Hédouin V, Gosset D. Suicidal Hanging Resulting in Complete Decapitation??Forensic, Radiological, and Anthropological Studies: A Case Report. *Journal of Forensic Sciences*. 2007 Sep;52(5):1190-3.

131.

Calce SE, Rogers TL. Taphonomic Changes to Blunt Force Trauma: A Preliminary Study.

Journal of Forensic Sciences. 2007 May;52(3):519–27.

132.

Roth S, Raul JS, Ludes B, Willinger R. Finite element analysis of impact and shaking inflicted to a child. *International Journal of Legal Medicine*. 2007 Apr 13;121(3):223–8.

133.

Christensen A. The Influence of Behavior on Freefall Injury Patterns: Possible Implications for Forensic Anthropological Investigations. *Journal of Forensic Sciences* [Internet]. 2004;49(1):5–10. Available from: [http://compass.astm.org/DIGITAL\\_LIBRARY/JOURNALS/JFS/PAGES/JFS2003089.htm](http://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS2003089.htm)

134.

Berryman H. Recognising gunshot and blunt crania trauma through fracture interpretation. In: *Forensic osteology: advances in the identification of human remains*. 2nd ed. Springfield, IL: Charles C Thomas; 1998. p. 333–52.

135.

Doorly MC, Gilchrist MD. The use of accident reconstruction for the analysis of traumatic brain injury due to head impacts arising from falls. *Computer Methods in Biomechanics and Biomedical Engineering*. 2006 Dec;9(6):371–7.

136.

Daegling DJ, Warren MW, Hotzman JL, Self CJ. Structural Analysis of Human Rib Fracture and Implications for Forensic Interpretation\*. *Journal of Forensic Sciences*. 2008 Sep;

137.

Anderson GS. Comparison of Decomposition Rates and Faunal Colonization of Carrion in Indoor and Outdoor Environments. *Journal of Forensic Sciences*. 2011 Jan;56(1):136–42.

138.

Amendt J, Richards CS, Campobasso CP, Zehner R, Hall MJR. Forensic entomology: applications and limitations. *Forensic Science, Medicine, and Pathology*. 2011 Dec;7(4):379–92.

139.

Benecke M. A brief history of forensic entomology. *Forensic Science International*. 2001 Aug;120(1-2):2–14.

140.

Grassberger M, Frank C. Initial Study of Arthropod Succession on Pig Carrion in a Central European Urban Habitat. *Journal of Medical Entomology*. 2004 May 1;41(3):511–23.

141.

Voss SC, Forbes SL, Dadour IR. Decomposition and insect succession on cadavers inside a vehicle environment. *Forensic Science, Medicine, and Pathology*. 2008 Mar;4(1):22–32.

142.

Benecke M. Six Forensic Entomology Cases: Description and Commentary. *Journal of forensic sciences* [Internet]. 1998;43(4). Available from: [http://compass.astm.org/DIGITAL\\_LIBRARY/JOURNALS/JFS/PAGES/JFS14309J.htm](http://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS14309J.htm)

143.

Johnson A, Archer M, Leigh-Shaw L, Pais M, O'Donnell C, Wallman J. Examination of forensic entomology evidence using computed tomography scanning: case studies and refinement of techniques for estimating maggot mass volumes in bodies. *International Journal of Legal Medicine*. 2012 Sep;126(5):693–702.

144.

Byrd JH, Castner JL. *Forensic entomology: the utility of arthropods in legal investigations*. Boca Raton: CRC; 2001.

145.

Catts EP, Goff ML. Forensic Entomology in Criminal Investigations. Annual Review of Entomology. 1992 Jan;37(1):253-72.

146.

Bartelink EJ. Quantitative Analysis of Sharp-Force Trauma: An Application of Scanning Electron Microscopy in Forensic Anthropology. Journal of forensic sciences [Internet]. 2001;46(6):1288-93. Available from: [http://compass.astm.org/DIGITAL\\_LIBRARY/JOURNALS/JFS/PAGES/JFS15148J.htm](http://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS15148J.htm)

147.

Walsh-Haney HA. Sharp-force trauma analysis and the forensic anthropologist. Journal of forensic sciences [Internet]. 1999;44(4):723-720. Available from: [http://compass.astm.org/DIGITAL\\_LIBRARY/JOURNALS/JFS/PAGES/JFS14543J.htm](http://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS14543J.htm)

148.

Campos Varela IY, Morcillo MD. Dismemberment: Cause of death in the Columbian armed conflict. Proceedings of the 63rd Annual Meetings of the American Academy of Forensic Sciences [Internet]. 2011;17:356-7. Available from: <http://www.aafs.org/wp-content/uploads/ProceedingsChicago2011.pdf>

149.

Grellner W, Wilske J. Unusual suicides of young women with tentative cuts and fatal neck injuries by chain saw and circular saw. Forensic Science International. 2009 Sep;190(1-3):e9-11.

150.

Freas LE. Assessment of Wear-Related Features of the Kerf Wall from Saw Marks in Bone\*†. Journal of Forensic Sciences. 2010 Nov;55(6):1561-9.

151.

Perret-Alunni V. Scanning Electron Microscopy Analysis of Experimental Bone Hacking Trauma. Journal of Forensic Sciences [Internet]. 2005;50(4):796-801. Available from:

[http://compass.astm.org/DIGITAL\\_LIBRARY/JOURNALS/JFS/PAGES/JFS2003213.htm](http://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS2003213.htm)

152.

Lynn Kalan S., Fairgrieve Scott I. Macroscopic Analysis of Axe and Hatchet Trauma in Fleshed and Defleshed Mammalian Long Bones. *Journal of Forensic Sciences* [Internet]. 2009;54(4):786–92. Available from: <http://onlinelibrary.wiley.com/doi/10.1111/j.1556-4029.2009.01061.x/full>

153.

Moraitis K, Spiliopoulou C. Forensic implications of carnivore scavenging on human remains recovered from outdoor locations in Greece. *Journal of Forensic and Legal Medicine*. 2010 Aug;17(6):298–303.

154.

Işcan MY, McCabe BQ. Analysis of human remains recovered from a shark. *Forensic Science International*. 1995 Mar;72(1):15–23.

155.

Tsokos M, Matschke J, Gehl A, Koops E, Püschel K. Skin and soft tissue artifacts due to postmortem damage caused by rodents. *Forensic Science International*. 1999 Sep;104(1):47–57.

156.

Byard, Roger W. M.D. Diagnostic Problems Associated with Cadaveric Trauma from Animal Activity. *The American Journal of Forensic Medicine and Pathology* [Internet]. 23(3). Available from: <http://ovidsp.ovid.com/ovidweb.cgi?T=JS&CSC=Y&NEWS=N&PAGE=fulltext&AN00000433-200209000-00006&LSLINK=80&D=ovft>

157.

Spradley MK, Hamilton MD, Giordano A. Spatial patterning of vulture scavenged human remains. *Forensic Science International*. 2012 Jun;219(1–3):57–63.

158.

Klippel WE, Synstelién JA. Rodents as Taphonomic Agents: Bone Gnawing by Brown Rats and Gray Squirrels. *Journal of Forensic Sciences*. 2007 Jul;52(4):765–73.

159.

Rossi ML. Postmortem injuries by indoor pets. *The American Journal of Forensic Medicine and Pathology* [Internet]. 1994;15(2):105–9. Available from: [http://ovidsp.tx.ovid.com/sp-3.21.1b/ovidweb.cgi?WebLinkFrameset=1&S=LDFIFPPHAHDDCDKMNCIKJGGCDNBIAA00&returnUrl=ovidweb.cgi%3fMain%2bSearch%2bPage%3d1%26S%3dLDFIFPPHAHDDCDKMNCIKJGGCDNBIAA00&directlink=http%3a%2f%2fovidsp.tx.ovid.com%2fovftpdfs%2fFPDDNCGCJGKMAH00%2ffs047%2fovft%2flive%2fgv038%2f00000433%2f00000433-199406000-00004.pdf&filename=Postmortem+Injuries+by+Indoor+Pets.&link\\_from=S.sh.22.23.27.31%7c4&pdf\\_key=FPDDNCGCJGKMAH00&pdf\\_index=/fs047/ovft/live/gv038/00000433/00000433-199406000-00004&D=ovft&link\\_set=S.sh.22.23.27.31|4|sl\\_10|tocsiblings|S.sh.22.23.27.31.37|0](http://ovidsp.tx.ovid.com/sp-3.21.1b/ovidweb.cgi?WebLinkFrameset=1&S=LDFIFPPHAHDDCDKMNCIKJGGCDNBIAA00&returnUrl=ovidweb.cgi%3fMain%2bSearch%2bPage%3d1%26S%3dLDFIFPPHAHDDCDKMNCIKJGGCDNBIAA00&directlink=http%3a%2f%2fovidsp.tx.ovid.com%2fovftpdfs%2fFPDDNCGCJGKMAH00%2ffs047%2fovft%2flive%2fgv038%2f00000433%2f00000433-199406000-00004.pdf&filename=Postmortem+Injuries+by+Indoor+Pets.&link_from=S.sh.22.23.27.31%7c4&pdf_key=FPDDNCGCJGKMAH00&pdf_index=/fs047/ovft/live/gv038/00000433/00000433-199406000-00004&D=ovft&link_set=S.sh.22.23.27.31|4|sl_10|tocsiblings|S.sh.22.23.27.31.37|0)

160.

Tsokos M, Schulz F. Indoor postmortem animal interference by carnivores and rodents: report of two cases and review of the literature. *International Journal of Legal Medicine*. 1999 Jan 1;112(2):115–9.

161.

Steadman DW, Worne H. Canine scavenging of human remains in an indoor setting. *Forensic Science International*. 2007 Nov;173(1):78–82.

162.

Rothschild MA, Schneider V. On the temporal onset of postmortem animal scavenging. *Forensic Science International*. 1997 Sep;89(1–2):57–64.

163.

Duband S, Forest F, Clemenson A, Debout M, Péoc'h M. Postmortem injuries inflicted by crawfish: Morphological and histological aspects. *Forensic Science International*. 2011 Mar;206(1–3):e49–51.

164.

Di Maio VJM. Gunshot wounds: practical aspects of firearms, ballistics, and forensic techniques. 2nd ed. Vol. CRC series in practical aspects of criminal and forensic investigations. Boca Raton: CRC Press; 1999.

165.

Puentes K, Taveira F, Madureira AJ, Santos A, Magalhães T. Three-dimensional reconstitution of bullet trajectory in gunshot wounds: A case report. *Journal of Forensic and Legal Medicine*. 2009 Oct;16(7):407–10.

166.

Fenton TW. Symmetrical Fracturing of the Skull from Midline Contact Gunshot Wounds: Reconstruction of Individual Death Histories from Skeletonized Human Remains. *Journal of Forensic Science* [Internet]. 2005;50(2):274–85. Available from: [http://compass.astm.org/DIGITAL\\_LIBRARY/JOURNALS/JFS/PAGES/JFS2004198.htm](http://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS2004198.htm)

167.

Berryman HE. Diameter of Cranial Gunshot Wounds as a Function of Bullet Caliber. *Journal of Forensic Sciences* [Internet]. 1995;40(5):751–4. Available from: [http://compass.astm.org/DIGITAL\\_LIBRARY/JOURNALS/JFS/PAGES/JFS15377J.htm](http://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS15377J.htm)

168.

Leibovici, Dan MD. Blast Injuries: Bus Versus Open-Air Bombings--A Comparative Study of Injuries in Survivors of Open-Air Versus Confined-Space Explosions. *The Journal of Trauma: Injury, Infection, and Critical Care* [Internet]. 41(6):1030–5. Available from: <http://ovidsp.ovid.com/ovidweb.cgi?T=JS&CSC=Y&NEWS=N&PAGE=fulltext&AN00005373-199612000-00015&LSLINK=80&D=ovft>

169.

Mohd Nor F, Das S. Gunshot wound in skeletonised human remains with partial adipocere formation. *Journal of Forensic and Legal Medicine*. 2012 Jan;19(1):42–5.

170.

Quatrehomme G. Characteristics of gunshot wound in the skull. *Journal of Forensic Sciences* [Internet]. 1999;44(3):568–76. Available from: [http://compass.astm.org/DIGITAL\\_LIBRARY/JOURNALS/JFS/PAGES/JFS14511J.htm](http://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS14511J.htm)

171.

Smith OC. Atypical Gunshot Exit Defects to the Cranial Vault. *Journal of Forensic Sciences* [Internet]. 1993;38(2):339–43. Available from: [http://compass.astm.org/DIGITAL\\_LIBRARY/JOURNALS/JFS/PAGES/JFS13413J.htm](http://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS13413J.htm)

172.

Langley NR. An Anthropological Analysis of Gunshot Wounds to the Chest. *Journal of Forensic Sciences*. 2007 May;52(3):532–7.

173.

Chen Y, Miao Y, Xu C, Zhang G, Lei T, Tan Y. Wound ballistics of the pig mandibular angle: A preliminary finite element analysis and experimental study. *Journal of Biomechanics*. 2010 Apr;43(6):1131–7.

174.

Brown H, Cauchi DM, Holden JL, Wrobel H, Cordner S. Image analysis of gunshot residue on entry wounds. *Forensic Science International*. 1999 Mar;100(3):163–77.

175.

Blau S, Briggs CA. The role of forensic anthropology in Disaster Victim Identification (DVI). *Forensic Science International*. 2011 Feb;205(1–3):29–35.

176.

Mundorff AZ. Integrating forensic anthropology into disaster victim identification. *Forensic Science, Medicine, and Pathology*. 2012 Jun;8(2):131–9.

177.

Komar D. Patterns of Mortuary Practice Associated with Genocide. *Current Anthropology*. 2008 Feb;49(1):123-33.

178.

Lessig R, Rothschild M. International standards in cases of mass disaster victim identification (DVI). *Forensic Science, Medicine, and Pathology*. 2012 Jun;8(2):197-9.

179.

Lain, RussellTaylor, JaneCroker, SarahCraig, PamelaGraham, Jeremy. Comparative dental anatomy in Disaster Victim Identification: Lessons from the 2009 Victorian Bushfires. *Forensic Science International (Online)* [Internet]. 2015(1):36-9. Available from: <http://search.proquest.com/docview/1033339273/77DE7F6970249B4PQ/6?accountid=14511>

180.

Jensen RA. *Mass fatality and casualty incidents: a field guide*. Boca Raton, Fla: CRC Press; 1999.

181.

Gould RA. *Disaster archaeology*. Salt Lake City: University of Utah Press; 2007.

182.

Young A, Stillman R, Smith MJ, Korstjens AH. An Experimental Study of Vertebrate Scavenging Behavior in a Northwest European Woodland Context. *Journal of Forensic Sciences*. 2014 Sep;59(5):1333-42.

183.

Gapert R, Tsokos M. Anthropological analysis of extensive rodent gnaw marks on a human skull using post-mortem multislice computed tomography (pmMSCT). *Forensic Science, Medicine, and Pathology*. 2013 Sep;9(3):441-5.

184.

Colard T, Delannoy Y, Naji S, Rottier S, Blondiaux J. The utilisation of carnivore scavenging evidence in the interpretation of a protohistoric French pit burial. *Journal of Archaeological Science*. 2014 Dec;52:108–15.

185.

Young A, Márquez-Grant N, Stillman R, Smith MJ, Korstjens AH. An Investigation of Red Fox (*Vulpes vulpes*) and Eurasian Badger (*Meles meles*) Scavenging, Scattering, and Removal of Deer Remains: Forensic Implications and Applications. *Journal of Forensic Sciences*. 2015 Jan;60:S39–55.

186.

Reeves NM. Taphonomic Effects of Vulture Scavenging. *Journal of Forensic Sciences*. 2009 May;54(3):523–8.

187.

O'Brien RC, Forbes SL, Meyer J, Dadour IR. A preliminary investigation into the scavenging activity on pig carcasses in Western Australia. *Forensic Science, Medicine, and Pathology*. 2007 Nov 12;3(3):194–9.

188.

Kenneth S. Bader, Stephen T. Hasiotis and Larry D. Martin. Application of Forensic Science Techniques to Trace Fossils on Dinosaur Bones from a Quarry in the Upper Jurassic Morrison Formation, Northeastern Wyoming. *PALAIOS* [Internet]. 2009;24(3):140–58. Available from: [http://www.jstor.org/stable/27670591?seq=1#page\\_scan\\_tab\\_contents](http://www.jstor.org/stable/27670591?seq=1#page_scan_tab_contents)

189.

Adams BJ. Establishing Personal Identification Based on Specific Patterns of Missing, Filled, and Unrestored Teeth. *Journal of Forensic Science* [Internet]. 2003;48(3):487–96. Available from: [http://compass.astm.org/DIGITAL\\_LIBRARY/JOURNALS/JFS/PAGES/JFS2002226.htm](http://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS2002226.htm)

190.

Freeman AJ. Seven Hundred Seventy Eight Bite Marks: Analysis by Anatomic Location, Victim and Biter Demographics, Type of Crime, and Legal Disposition. *Journal of Forensic Sciences* [Internet]. 2005;50(6):1–8. Available from: [http://compass.astm.org/DIGITAL\\_LIBRARY/JOURNALS/JFS/PAGES/JFS2005178.htm](http://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS2005178.htm)

191.

Schmeling A, Olze A, Reisinger W, Geserick G. Age estimation of living people undergoing criminal proceedings. *The Lancet*. 2001 Jul;358(9276):89-90.

192.

Pludowski P, Lebedowski M, Lorenc RS. Evaluation of the possibility to assess bone age on the basis of DXA derived hand scans?preliminary results. *Osteoporosis International*. 2004 Apr 1;15(4):317-22.

193.

Adams BJ. Radiographic Identification Using the Clavicle of an Individual Missing from the Vietnam Conflict. *Journal of Forensic Sciences* [Internet]. 2002;48(2):369-73. Available from: [http://compass.astm.org/DIGITAL\\_LIBRARY/JOURNALS/JFS/PAGES/JFS15259J.htm](http://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS15259J.htm)

194.

Angyal M. Personal Identification on the Basis of Antemortem and Postmortem Radiographs. *Journal of Forensic Sciences* [Internet]. 1998;43(5):1089-93. Available from: [http://compass.astm.org/DIGITAL\\_LIBRARY/JOURNALS/JFS/PAGES/JFS14365J.htm](http://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS14365J.htm)

195.

Christensen AM. The Impact of Daubert: Implications for Testimony and Research in Forensic Anthropology (and the Use of Frontal Sinuses in Personal Identification). *Journal of Forensic Sciences* [Internet]. 2004;49(3):427-30. Available from: [http://compass.astm.org/DIGITAL\\_LIBRARY/JOURNALS/JFS/PAGES/JFS2003185.htm](http://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS2003185.htm)

196.

Christensen AM, Crowder CM. Evidentiary Standards for Forensic Anthropology. *Journal of Forensic Sciences*. 2009 Nov;54(6):1211-6.

197.

Dedouit F, Telmon N, Costagliola R, Otal P, Florence LL, Joffre F, et al. New identification

possibilities with postmortem multislice computed tomography. *International Journal of Legal Medicine*. 2007 Oct 10;121(6):507-10.

198.

Kahana, T. Ph.D. Personal Identification Based on Radiographic Vertebral Features. *The American Journal of Forensic Medicine and Pathology* [Internet]. 23(1):36-41. Available from:  
<http://ovidsp.ovid.com/ovidweb.cgi?T=JS&CSC=Y&NEWS=N&PAGE=fulltext&AN00000433-200203000-00007&LSLINK=80&D=ovft>

199.

Komar D, Lathrop S. Frequencies of Morphological Characteristics in Two Contemporary Forensic Collections: Implications for Identification. *Journal of Forensic Sciences*. 2006 Sep;51(5):974-8.

200.

Quatrehomme G, Balaguer T, Staccini P, Alunni-Perret V. Assessment of the accuracy of three-dimensional manual craniofacial reconstruction: a series of 25 controlled cases. *International Journal of Legal Medicine*. 2007 Oct 10;121(6):469-75.

201.

Steadman DW, Adams BJ, Konigsberg LW. Statistical basis for positive identification in forensic anthropology: Response to Anderson. *American Journal of Physical Anthropology*. 2007 May;133(1):741-2.

202.

Sudimack JR. Identification of Decomposed Human Remains from Radiographic Comparisons of an Unusual Foot Deformity. *Journal of Forensic Sciences* [Internet]. 202AD;47(1):218-20. Available from:  
[http://compass.astm.org/DIGITAL\\_LIBRARY/JOURNALS/JFS/PAGES/JFS15230J.htm](http://compass.astm.org/DIGITAL_LIBRARY/JOURNALS/JFS/PAGES/JFS15230J.htm)