



THOMSON REUTERS

Update Summary

PLEASE CIRCULATE IMMEDIATELY!

UPDATE 132

JULY 2024

EXPERT EVIDENCE

Material Code 42725200

Print Post Approved PP255003/00419

© Thomson Reuters (Professional) Australia Limited 2024

Looseleaf Support Service

You can now access the current list of page numbers at <http://www.thomsonreuters.com.au/support/product-support.aspx?id=/mediaTree/58599>. If you have any questions or comments, or to order missing pages, please contact Customer Care on 1300 304 195 Fax: 1300 304 196 Email: Care.ANZ@thomsonreuters.com

Updated scientific chapters

Chapter 36 **Forensic social anthropology** has been updated with an Overview by new author **Dr James WW Rose**

Highlights of the chapter include additional commentary on:

- Introduction, see [36.20]
- Part 1: The forensic specialisation of social anthropology, see [36.30]
- Part 2: Theoretical features of FSA, see [36.35]
- Part 3: Methodological features of FSA, see [36.40]
- Part 4: Ethical features of FSA, see [36.45]
- Part 5: The history of FSA in Australia and its expanding international relevance, see [36.50]
- Part 6: FSA, FESA and moves towards regulation and professionalization, see [36.55]
- Conclusion, see [36.60]
- References, see [36.65].

Chapter 65 **Eyewitness testimony** has been comprehensively rewritten by authors **Professor Martine Powell** and **Professor Neil Brewer**, new authors **Dr Andrew Evelo** and **Dr Sonja Brubacher**

Highlights of the chapter include additional commentary on:

- Sensory perception and witnessing conditions, see [65.310]
- Prior knowledge, biases and expectations, see [65.330]
- Social and motivational factors, see [65.360]
- Preparing the Interviewee for the Interview, see [65.520]
- The criteria for placing a suspect in a lineup, see [65.710]
- The showup: A 'lineup' with one member, see [65.720]
- Composition of the lineup, see [65.730]
- Lineup administration, see [65.740]
- Lineup instructions, see [65.745]
- Lineup presentation format: Live versus photo, see [65.750]
- Lineup presentation format: Simultaneous versus sequential, see [65.760]
- The number of identification attempts, see [65.770]
- The record of the witness's identification response, see [65.780]
- Identification confidence, see [65.790]
- Identification speed, see [65.795]
- Video recording the lineup, see [65.800].

Chapter 69 **Hearing and the perception of sound** has been updated by **Professor David Alais**, **Dr Virginia Best**, **Dr Paul Damien Niall** and **Associate Professor Carolyn Semmler**

Highlights of the chapter include additional commentary on:

- Memory for sound, see [69.620]
- The impact of context on environmental sound identification, see [69.640]
- Visual influences on speech perception, see [69.720].

Chapter 80A **Statistical evaluation in forensic DNA typing** has been updated by authors **Lisa Federle, Natalie Pedersen and Aimee Pollett**

Highlights of the chapter include additional commentary on:

- Why consider population substructure?, see [80A.620]
- Second law of probability, see [80A.1020]
- Joint probabilities, see [80A.1040]
- Third law of probability (conditional probabilities), see [80A.1060]
- Likelihood Ratios, see [80A.1080]
- Prosecutor's fallacy, see [80A.1220]
- Verbal scales, Overview, see [80A.1400]
- Sampling uncertainty, see [80A.1560]
- Modelling subpopulations, see [80A.1820]
- Heterozygote probability, see [80A.1840]
- Homozygote probability, see [80A.1860]
- Non-concordances, see [80A.2000]
- Considering drop-out in an assumed single source profile, see [80A.2050]
- Simple mixed stain example, see [80A.2180]
- Application of subpopulation theory to mixtures, see [80A.2220]
- Implementing guidelines for mixture interpretation, see [80A.2260]
- Low-level profiles with the possibility of drop-out, see [80A.2320]
- Missing persons, Overview, see [80A.2700]
- Comparison of DNA profiles, see [80A.2740].

