Journal of Forensic Sciences Index to Volume 19

1974

Number	Month of Issue	Pages
1	January	1-190
2	April	191-414
3	July	415-706
4	October	707-954

A

Acid phosphatase, specificity of two commercial acid phosphatase determination kits with respect to feminine hygiene products and vaginal contraceptives (Brown and Brown), April, 384

Adversary system, on playing the game of expert witness in a two-value logic system (McCarthy), Jan., 130

Alcohol

drug involvement in automobile driver and pedestrian fatalities (Turk, McBay, and Hudson), Jan., 90

note upon barometric pressure and breathalcohol analysis (Mason), April, 325

Amnesia, evaluation of amnesia in criminallegal situations (Sadoff), Jan., 98

Anatomy, sternal foramen: the possible forensic misinterpretation of an anatomic abnormality (Taylor), Oct., 730

Anderson, W. A.: see Kirchgessner, W. G., DiPasqua, A. C., Anderson, W. A., and Delaney, G. V.

Asgekar, M. D.: see Mattoo, B. N., Wani, A. K., and Asgekar, M. D.

Asphyxia, two deaths caused by a lack of oxygen in an underground chamber (DiMaio and DiMaio), April, 398

Atomic absorption spectrophotometry

detection of gunshot residue on the hands by neutron activation and atomic absorption analysis (Krishnan), Oct., 789

examination of gunshot residues (Stone and Petty), Oct., 784

firing distance determination by atomic absorption spectrophotometry (Krishnan), April, 351

Automobile accidents, drug involvement in automobile driver and pedestrian fatalities (Turk, McBay, and Hudson), Jan., 90

Automobile paints

characterization of paint fragments by combined topographical and chemical electron optics techniques (Wilson, Judd, and Ferriss), April, 363

pyrolysis-gas chromatographic analysis of automobile paints (Stewart), Jan., 121

B

Babigian, H. M.: Multiple aspects of suicide, April, 267

Ballistics

firing distance determination by atomic absorption spectrophotometry (Krishnan), April, 351

injury potential of a reloaded tear gas pen gun (Jones, Besant-Matthews, Williams, and Stahl), Oct., 812

peculiarities of certain .22 caliber revolvers (Saturday night specials) (Schmidt-Orndorff, Reitz, and Spitz), Jan., 48

Barnes, F. C. and Helson, R. A.: Empirical study of gunpowder residue patterns, July, 448

Beggs, D. P. and Day, A. G.: Chemical ionization mass spectrometry: a rapid technique for forensic analyses, Oct., 891

Bergh, A. K. and Rodgers, P. G.: On the choice of color filters for the Breathalyzer®, July, 684

Bernstein, C. G.: see DiMaio, V. J. M. and Bernstein, C. G.

Besant-Matthews, P. E.; see Jones, S. R., Besant-Matthews, P. E., Williams, F. J., and Stahl, C. J.

Betsch, S. J.: see Gurgin, V. A., Parker, Brian, and Betsch, S. J.

Biology

blood groups of Chinese in New York City: application to problems of disputed parentage (Wiener), Oct., 735

stability of PGM and AK isoenzymes in human tissues (Rothwell and Sayce), July, 590

Bite marks, use of bite mark evidence as an investigative aid (Dinkel), July, 535

Blanke, R. V.: Role of toxicology in suicide evaluation, April, 284

Blood, postmortem chemistries on blood with particular reference to urea nitrogen, electrolytes, and bilirubin (Coe), Jan., 33

Blood grouping

blood groups of Chinese in New York City: application to problems of disputed parentage (Wiener), Oct., 735

stability of PGM and AK isoenzymes in

human tissues (Rothwell and Sayce), July, 590

Bombs, identification of explosive residues in bomb scene investigations (Hoffman and Byall), Jan., 54

Book review

review of An Introduction to Criminalistics by O'Hara and Osterburg (Miller), Jan., 178 review of Clinical Toxicology by Thienes and Haley (Stolman), Jan., 182

review of Constitutional Rights of the Accused—Pretrial Rights by Cook (Sachs), Jan., 181

review of Current Methods of Autopsy Practice by Ludwig (Noguchi), Jan., 180

review of *Drugs: Annotated Bibliography and Guide* by Ajami (Phillips), July, 700

review of Flight Characteristics and Stain Patterns of Human Blood by MacDonnell (Vagnina), July, 696

review of Forensic Odontology by Gustafson (Comulada), Jan., 177

review of Investigation and Preparation of Criminal Cases, Federal and State by Bailey and Rothblatt (Joseff), July, 701

review of Investigation of Violent and Sudden Death by Hendrix (Rupp), April, 410

review of Key to Psychiatry—A Textbook for Students by Sainsbury (Tuchler), Oct., 931 review of Koelsch's Textbood of Occupational

Diseases ed. by Kersten (Spitz), April, 411 review of Laboratory Manual on the Geometric Interpretation of Human Bloodstain Evidence by MacDonnell and Bialousz

(Vagnina), July, 697 review of *Medicolegal Investigation of Death* by Spitz and Fisher (Froede), April, 409

review of Protection Against Bombs and Incendiaries by Pike (Fox), July, 695

review of Scientific Evidence in Criminal Cases by Moenssens, Moses, and Inbau (Crown), July 692

review of Sourcebook in Criminalistics by Hormachea (Crown), Oct., 932

review of *The Botany and Chemistry of Hallucinogens* by Schultes and Hofman (Freimuth), April, 407

review of *The Medical Detectives* by Cooper (Mills), Oct., 929

review of The Practice of Gas Chromatography by Rowland (Brackett), Oct., 933

review of The Use of X-Ray Techniques in Forensic Investigation by Graham (Hilton), July, 698

review of We Mainline Dreams: The Odyssey House Story by Densen-Gerber (Doherty), July, 693

Bosen, S. F., Pudzianowski, Andrew, and Dragutinovich, Gwen: Sample methodology for laser microprobe analysis, April, 357
Brackett, J. W., Jr.: review of *The Practice of*

Brackett, J. W., Jr.: review of The Practice of Gas Chromatography by Rowland, Oct., 933

Breath-alcohol testing devices

note upon barometric pressure and breathalcohol analysis (Mason), April, 325

on the choice of color filters for the Breathalyzer® (Bergh and Rodgers), July, 684

Brown, C. G.: see Brown, K. M. and Brown, C. G.

Brown, K. M. and Brown, C. G.: Specificity of two commercial acid phosphatase determination kits with respect to feminine hygiene products and vaginal contraceptives, April, 384

Bryan, D. E.: see Lukens, H. R. and Bryan D. E.

Bullets, SEM microstriation characterization of bullets and contaminant particle identification (Judd, Sabo, Hamilton, Ferriss, and Horn), Oct. 798

Burns (injuries), timing of injury in human thermal burns (Raasch, Hirvonen, and Stahl), Oct., 723

Burton, J. F.: Fallacies in the signs of death, July, 529

Byall, E. B.: see Hoffman, C. M. and Byall, E. B.

C

Cannabis sativa L., analysis of old samples of cannabis sativa L. (Der Marderosian and Murthy), July, 670

Captive populations, medical experimentation on captive populations in the United States (Perper), July, 557

Carbon tape, paper fiber impressions on carbon tape ribbons (Hahn), Jan., 136

Catalano, Thomas: see Dugar, Sumer, Catalano, Thomas, and Cerrato, Richard

Catherman, R. L.: see Segal, R. J. and Catherman, R. L.

Cavitation, restoration of obliterated stamped serial numbers by ultrasonically induced cavitation in water (Young), Oct., 820

Cerrato, Richard: see Dugar, Sumer, Catalano, Thomas, and Cerrato, Richard

Chang, A. H.: see Hirsch, C. S., Chang, A. H., and Hoffman, G. C.

Chao, Jew-Ming: see Saferstein, Richard, Chao, Jew-Ming, and Manura, John

Checks, revised method of classifying fraudulent checks in a document examination laboratory (Schroeder), July, 618

Chemical ionization

chemical ionization mass spectrometry: a rapid technique for forensic analyses (Beggs and Day), Oct., 891

identification of drugs by chemical ionization mass spectroscopy—part II (Saferstein, Chao, and Manura), July, 463

Chemical test kits

specificity of two commercial acid phos-

- phatase determination kits with respect to feminine hygiene products and vaginal contraceptives (Brown and Brown), April, 384
- use of chemical spot tests kits for the presumptive identification of narcotics and drugs of abuse (Velapoldi and Wicks), July, 636
- Childs, R. S.: Passing of lay coroners, Jan., 8 Chlorobutanes, preliminary studies on the use of *n*-butyl chloride as an extractant in a drug screening procedure (Foerster and Mason), Jan., 155
- Choline, spermine and choline identification by thin-layer chromatography (Hallcock), Jan., 172.
- Christopoulos, G. N. and Kirch, E. R.: Estimation of fluoroalkane propellants, Jan., 168 Chromatography
 - technique for the separation of ink dyestuffs with similar R_F values (Kuranz), Oct., 852 see Gas chromatography
 - see Thin-layer chromatography
- Cocaine, discoloration effect of diluents in contraband cocaine (Dugar, Catalano, and Cerrato), Oct., 868
- Coe. J. I.
 - Postmortem chemistries on blood with particular reference to urea nitrogen, electrolytes, and bilirubin, Jan., 33
 - Postmortem chemistry: practical considerations and a review of the literature, Jan.,
- Color filters, on the choice of color filters for the Breathalyzer® (Bergh and Rodgers), July, 684
- Comparison microscopy, identification of cut multistranded wires (Ogle and Mitosinka), Oct., 865
- Computers
 - computer related crime (Parker), April, 292 information exchange and computerized data retrieval for toxicology (Kazyak), Jan., 147
- Comulada, E. V.: review of Forensic Odontology by Gustafson, Jan., 177
- Corbett, B. W.: see McBay, A. J., Turk, R. F., Corbett, B. W., and Hudson, Page
- Coroners, passing of lay coroners (Childs), Jan., 8
- Coumbis, R. J. and Kaul, Balkrishena: Distribution of morphine and related compounds in human tissues and biological fluids using radioimmunoassay techniques, April, 307
- Cravey, R. H., Shaw, R. F., and Nakamura, G. R.: Incidence of propoxyphene poisoning: a report of fatal cases, Jan., 72
- Criminalistics
 - criminalistics: today and tomorrow (Gurgin, Parker, and Betsch), July, 518
 - forensic science and the reduction of crime (Kingston and Peterson), July, 417
 - legal aspects of obtaining evidence for

- analysis by forensic techniques (Giannelli), July, 428
- stardust on the bar: space fallout in criminalistics (Pickering), April, 227
- Crown, D. A.
 - Review of Scientific Evidence in Criminal Cases by Moenssens, Moses, and Inbau, July, 692
 - Review of Sourcebook in Criminalistics by Hormachea, Oct., 932
- Curry, A. S.: Research at the Home Office Central Research Establishment, April, 301
- Curvey, C. E.: Effect of the manner of death in medicolegal cases on insurance settlements involving double indemnity, April, 390

D

- Data collection, on the improvement of suicide determination (Murphy, Gantner, Wetzel, Katz, and Ernst), April, 276
- Day, A. G.: see Beggs, D. P. and Day, A. G. Death
 - asymmetrical hypertrophy of the heart: two sudden deaths in adolescents (Sturner and Spruill), July, 565
 - deaths due to accidental discharge of a dropped handgun (DiMaio and Jones), Oct., 759
 - drug involvement in automobile driver and pedestrian fatalities (Turk, McBay, and Hudson), Jan., 90
 - effect of the manner of death in medicolegal cases on insurance settlements involving double indemnity (Curvey), April, 390
 - fallacies in the signs of death (Burton), July, 529
 - fatal overdose of paraldehyde during treatment of a case of delirium tremens (Di-Maio and Garriott), Oct., 755
 - incidence of propoxyphene poisoning: a report of fatal cases (Cravey, Shaw, and Nakamura), Jan., 72
 - methadone—a cause of death (Segal and Catherman), Jan. 64
 - opiate overdose deaths in the District of Columbia. part II—methadone-related fatalities (Greene, Luke, and DuPont), July, 575
 - sudden death in association with the ballooning posterior mitral leaflet syndrome (Marshall and Shappell), Oct., 715
 - sudden unexpected death in hemoglobin SC disease (Hirsch, Chang, and Hoffman), Jan. 43
 - two deaths caused by a lack of oxygen in an underground chamber (DiMaio and Di-Maio), April, 398
 - two propylhexedrine-associated fatalities: Benzedrine® revisited (Sturner, Spruill, and Garriott), July, 572

see Homicide see Infanticide

see Suicide

Decision making, criminalistics: today and tomorrow (Gurgin, Parker, and Betsch), July, 518

De Forest, P. R.

Morton, C. V., and Henderson, R. A.: Microscopic morphology of marijuana ash, April, 372

Potential of pyrolysis-gas chromatography for the pattern individualization of macromolecular materials, Jan., 113

Delaney, G. V.: see Kirchgessner, W. G., DiPasqua, A. C., Anderson, W. A., and Delaney, G. V.

Delirium tremens, fatal overdose of paraldehyde during treatment of a case of delirium tremens (DiMaio and Garriott), Oct., 755

Dental identification, Eva Braun Hitler's odontological identification—a forensic enigma? (Sognnaes), April, 215

Der Marderosian, A. H. and Murthy, S. N. S.: Analysis of old samples of *cannabis sativa* L., July, 670

Digoxin, radioimmunoassay technique for digoxin in postmortem blood (Phillips), Oct., 900

Diluents, discoloration effect of diulents in contraband cocaine (Dugar, Catalano, and Cerrato), Oct., 868

DiMaio, D. J. and DiMaio, V. J. M.: Two deaths caused by a lack of oxygen in an underground chamber, April, 398

DiMaio, V. J. M.

and Bernstein, C. G.: Case of infanticide, Oct., 744

and Garriott, J. C.: Fatal overdose of paraldehyde during treatment of a case of delirium tremens, Oct., 755

and Jones, J. A.: Deaths due to accidental discharge of a dropped handgun, Oct., 759 see DiMaio, D. J. and DiMaio, V. J. M.

Dinkel, E. H., Jr.: Use of bite mark evidence as an investigative aid, July, 535

DiPasqua, A. C.: see Kirchgessner, W. G., DiPasqua, A. C., Anderson, W. A., and Delaney, G. V.

Doherty, R. C.: review of We Mainline Dreams: The Odyssey House Story by Densen-Gerber, July, 693

Dominguez, A. M.: see Winter, P. E., Stahl, C. J., Goldbaum, L. R., and Dominguez, A. M.

Dragutinovich, Gwen: see Bosen, S. F., Pudzianowski, Andrew, and Dragutinovich, Gwen

Drug excretion, drug excretion in the urine of military separatees: a pilot study (Winter, Stahl, Goldbaum, and Dominguez), April, 317 Drug identification

drug identification by the application of gas chromatography/time-of-flight mass spectrometer technique (Kirchgessner, Di-Pasqua, Anderson, and Delaney), April, 313

identification of drugs and other toxic compounds from their ultraviolet spectra. part I: ultraviolet absorption properties of sixteen structural groups, (Siek), April, 193

identification of drugs by chemical ionization mass spectroscopy—part II (Saferstein, Chao, and Manura), July, 463

identification of drug tablet and capsule evidence as to source (Tillson and Johnson), Oct., 873

use of chemical spot tests kits for the presumptive identification of narcotics and drugs of abuse (Velapoldi and Wicks), July, 636

Drugs, see Toxicology

Dugar, Sumer, Catalano, Thomas, and Cerrato, Richard: Discoloration effect of diluents in contraband cocaine, Oct., 868

DuPont, R. L.: see Greene, M. H., Luke, J. L., and DuPont, R. L.

E

Education

baccalaureate program in toxicology (Lynch), Jan., 142

educating the forensic jurisprudent (Joling), April, 337

Emission spectroscopy, fluorescence and phosphorescence spectra and phosphorescence decay time of harmine, harmaline, harmalol, harmane, and norharman in aqueous solutions and EPA at 77 K (Hadley, Muraki, and Spitzer), July, 657

Emphysema, respirator-induced pneumothorax and subcutaneous emphysema: experimental overinflation of cadaver lungs (Lawrence), July, 548

Energy dispersive X-ray analysis, characterization of paint fragments by combined topographical and chemical electron optics techniques (Wilson, Judd, and Ferriss), April, 363

Ernst, M. F.: see Murphy, G. E., Gantner, G. E., Wetzel, R. D., Katz, Sedelle, and Ernst, M. F.

Ethyl alcohol, use of vitreous humor for determination of ethyl alcohol in previously embalmed bodies (Scott, Root, and Sanborn), Oct., 913

Eva Braun Hitler, Eva Braun Hitler's odontological identification—a forensic enigma? (Sognnaes), April, 215

Explosive residues, identification of explosive residues in bomb scene investigations (Hoffman and Byall), Jan., 54

Fasanello, J. A. and Henderson, R. A.: Vacuum searches in narcotics cases, April, 379

Feminine hygiene and contraceptive products, specificity of two commercial acid phosphatase determination kits with respect to feminine hygiene products and vaginal contraceptives (Brown and Brown), April, 384

Ferriss, Stark

see Judd, Gary, Sabo, John, Hamilton, William, Ferriss, Stark, and Horn, Robert see Wilson, Richard, Judd, Gary, and Ferriss, Stark

Film lifts, new method for the collection and analysis of gunshot residues as forensic evidence (Piliay, Jester, and Fox), Oct., 768

Firearms

casualty criteria for wounds from firearms with special reference to shot penetration—part II (Mattoo, Wani, Asgekar), July, 585

deaths due to accidental discharge of a dropped handgun (DiMaio and Jones), Oct., 759

detection of gunshot residue on the hands by neutron activation and atomic absorption analysis (Krishnan), Oct., 789

empirical study of gunpowder residue patterns (Barnes and Helson), July, 448

examination of gunshot residues (Stone and Petty), Oct., 784

evaluation of SEM potential in the examination of shotgun and rifle firing pin impressions (Grove, Judd, and Horn), July, 441

firing distance determination by atomic absorption spectrophotometry (Krishnan), April, 351

new method for the collection and analysis of gunshot residues as forensic evidence (Pillay, Jester, and Fox), Oct., 768

peculiarities of certain .22 caliber revolvers (Saturday night specials) (Schmidt-Orndorff, Reitz, and Spitz), Jan., 48

restoration of obliterated stamped serial numbers by ultrasonically induced cavitation in water (Young), Oct., 820

SEM microstriation characterization of bullets and contaminant particle identification (Judd, Sabo, Hamilton, Ferriss, and Horn), Oct., 798

trace metal detection technique (TMDT): a report outlining a procedure for photographing results in color, and some factors influencing the results in controlled laboratory tests (Stevens and Messler), July, 496

Fish, F. and Hayes, T. D.: Hydrolysis of morphine glucuronide, July, 676

Flouroalkanes, estimation of fluoroalkane propellants (Christopoulos and Kirch), Jan., 168

Foerster, E. H. and Mason, M. F.: Preliminary studies on the use of *n*-butyl chloride as an extractant in a drug screening procedure, Jan., 155

Forensic science

forensic science and the reduction of crime (Kingston and Peterson), July, 417

milestones in forensic science (Thomas), April, 241

reflections upon case history, diagnosis, and therapy of a frustrated patient: forensic science (Maehly), April, 255

science in justice: the past 25 years (Schroeder), April, 233

Fox, H. A.: see Pillay, K. K. S., Jester, W. A., and Fox, H. A.

Fox, R.H.: Review of Protection Against Bombs and Incendiaries by Pike, July, 695

Frank, R. S. and Gunn, J. W., Jr.: Standardization of forensic drug analyses, Jan., 163

Freimuth, H. C.: Review of *The Botany and Chemistry of Hallucinogens* by Schultes and Hoffmann, April, 407

Froede, R.C.: Review of Medicolegal Investigation of Death by Spitz and Fisher, April, 409

G

Gantner, G. E.: see Murphy, G. E., Gantner, G. E., Wetzel, R. D., Katz, Sedelle, and Ernst, M. F.

Garriott, J. C.

see DiMaio, V. J. M. and Garriott, J. C. see Sturner, W. Q., Spruill, F. G., and Garriott, J. C.

Gas chromatography

analysis and interpretation of the cannabinolic content of confiscated marihuana samples (Manno, Manno, Walsworth, and Herd), Oct., 884

analysis of old samples of cannabis sativa L. (Der Marderosian and Murthy), July, 670

drug identification by the application of gas chromatography/time-of-flight mass spectrometer technique (Kirchgessner, Di-Pasqua, Anderson, and Delaney), April, 313

potential of pyrolysis-gas chromatography for the pattern individualization of macromolecular materials (De Forest), Jan., 113

pyrolysis-gas chromatographic analysis of automobile paints (Stewart), Jan., 121

Gaudette, B. D. and Keeping, E. S.: Attempt at determining probabilities in human scalp hair comparison, July, 599

Giannelli, P. C.: Legal aspects of obtaining evidence for analysis by forensic techniques, July, 428

Goldbaum, L. R.: see Winter, P. E., Stahl,

- C. J., Goldbaum, L. R., and Dominguez, A. M.
- Greene, M. H., Luke, J. L., and DuPont, R. L.: Opiate overdose deaths in the District of Columbia. Part II—methadone-related fatalities, July, 575
- Grinding (material removal), restoration of obliterated stamped serial numbers by ultrasonically induced cavitation in water (Young), Oct., 820
- Grove, C. A., Judd, Gary, and Horn, Robert: Evaluation of SEM potential in the examination of shotgun and rifle firing pin impressions, July, 441
- Guest editorial, some reflections during a presidential term (Mason), Jan., 3
- Gunn, J. W., Jr.: see Frank, R. S. and Gunn, J. W.. Jr.
- Gunpowder residues
 - detection of gunshot residue on the hands by neutron activation and atomic absorption analysis (Krishnan), Oct., 789
 - empirical study of gunpowder residue patterns (Barnes and Helson), July, 448
 - examination of gunshot residues (Stone and Petty), Oct., 784
 - new method for the collection and analysis of gunshot residues as forensic evidence (Pillay, Jester, and Fox), Oct., 768
 - trace metal detection technique (TMDT): a report outlining a procedure for photographing results in color, and some factors influencing the results in controlled laboratory tests (Stevens and Messler), July, 496
- Gurgin, V. A., Parker, Brian, and Betsch, S. J.: Criminalistics: today and tomorrow, July, 518

Н

- Haddox, V. G.: see Wax, D. E. and Haddox, V. G.
- Hadley, S. C., Muraki, A. S., and Spitzer, Kenneth: Fluorescence and phosphorescence spectra and phosphorescence decay time of harmine, harmaline, harmalol, harmane, and norharman in aqueous solutions and EPA at 77 K, July, 657
- Hahn, G. H.: Paper fiber impressions on carbon tape ribbons, Jan., 136
- Hai
 - attempt at determining probabilities in human scalp hair comparison (Gaudette and Keeping), July, 599
 - identification of primate hair (Rosen), Jan.,
- Hallcock, R. R.: Spermine and choline identification by thin-layer chromatography, Jan.,
- Hamilton, William: see Judd, Gary, Sabo, John, Hamilton, William, Ferriss, Stark, and Horn, Robert

- Harmala alkaloids, fluorescence and phosphorescence spectra and phosphorescence decay time of harmine, harmaline, harmalol, harmane, and norharman, in aqueous solutions and EPA at 77 K (Hadley, Muraki, and Spitzer), July, 657
- Hayes, T. S.: see Fish, F. and Hayes, T. S. Heart
 - asymmetrical hypertrophy of the heart: two sudden deaths in adolescents (Sturner and Spruill), July, 565
 - sudden death in association with the ballooning posterior mitral leaflet syndrome (Marshall and Shappell), Oct., 715
- Helson, R. A.: see Barnes, F. C. and Helson, R. A.
- Hemoglobin SC disease, sudden unexpected death in hemoglobin SC disease (Hirsch, Chang, and Hoffman), Jan., 43
- Henderson, R. A.
 - see De Forest, P. R., Morton, C. V., and Henderson, R. A.
 - see Fasanello, J. A. and Henderson, R. A.
- Herd, Ray: see Manno, Joseph, Manno, Barbara, Walsworth, David, and Herd, Ray Hilton, Ordway
 - Effect of interchanging segments between two typewriters: a unique criminal defense defeated, Oct., 841
 - Review of The Use of X-Ray Techniques in Forensic Investigation by Graham, July, 698
- Hirsch, C. S., Chang, A. H., and Hoffman, G. C.: Sudden unexpected death in hemoglobin SC disease, Jan., 43
- Hirvonen, J. I.: see Raasch, F. O., Jr., Hirvonen, J. I., and Stahl, C. J.
- History, milestones in forensic science (Thomas), April, 241
- Hoffman, C. M. and Byall, E. B.: Identification of explosive residues in bomb scene investigations, Jan., 54
- Hoffman, G. C.: see Hirsch, C. S., Chang, A. H., and Hoffman, G. C.
- Homicide, unusual methods of human identification used in three cases (Larson), April, 402
- Horan, J. J.: see Sullivan, R. C., Pompa, C., Sabatino, L. V., and Horan, J. J.
- Horn, Robert
 - see Grove, C. A., Judd, Gary, and Horn, Robert
- see Judd, Gary, Sabo, John, Hamilton, William, Ferriss, Stark, and Horn, Robert Hudson, Page
 - see McBay, A. J., Turk, R. F., Corbett, B. W., and Hudson, Page
 - see Turk, R. F., McBay, A. J., and Hudson, Page
- Human identification, unusual methods of human identification used in three cases

(Larson), April, 402

Hydrolysis, hydrolysis of morphine glucuronide (Fish and Hayes), July, 676

Hypertrophy, asymmetrical hypertrophy of the heart: two sudden deaths in adolescents (Sturner and Spruill), July, 565

I

Infanticide, case of infanticide (DiMaio and Bernstein), Oct., 744

Information systems

computer related crime (Parker), April, 292 information exchange and computerized data retrieval for toxicology (Kazyak), Jan., 147 Injuries

casualty criteria for wounds from firearms with special reference to shot penetration—part II (Mattoo, Wani, and Asgekar), July, 585

injury potential of a reloaded tear gas pen gun (Jones, Besant-Matthews, Williams, and Stahl), Oct., 812

pathologic criteria of radiation injury (Warren), Oct., 709

timing of injury in human thermal burns (Raasch, Hirvonen, and Stahl), Oct., 723

Inks, technique for the separation of ink dyestuffs with similar R_F values (Kuranz), Oct., 852

Insurance settlements, effect of the manner of death in medicolegal cases on insurance settlements involving double indemnity (Curvey), April, 390

Isoenzymes, stability of PGM and AK isoenzymes in human tissues (Rothwell and Sayce), July, 590

J

Jester, W. A.: see Pillay, K. K. S., Jester, W. A., and Fox, H. A.

Johnson, D. W.: see Tillson, A. H. and Johnson, D. W.

Johnson, T. A.: Foundation for politization of the police: its implications on the Watergate scandal, Oct., 836

Joling, R. J.: Educating the forensic jurisprudent, April, 337

Jones, J. A.: see DiMaio, V. J. M. and Jones, J. A.

Jones, S. R., Besant-Matthews, P. E., Williams, F. J., and Stahl, C. J.; Injury potential of a reloaded tear gas pen gun, Oct., 812

Joseff, M. F.: Review of Investigation and Preparation of Criminal Cases, Federal and State by Bailey and Rothblatt, July, 701

Judd, Gary Sabo, John, Hamilton, William, Ferriss, Stark, and Horn, Robert: SEM microstriation characterization of bullets and contaminant particle identification, Oct., 798 see Grove, C. A., Judd, Gary, and Horn, Robert

see Wilson, Richard, Judd, Gary, and Ferriss. Stark

Justice system

bias and quality control in forensic science: a cause for concern (Thomson), July. 504

forensic science and the reduction of crime (Kingston and Peterson), July, 417

foundation for politization of the police: its implications on the Watergate scandal (Johnson), Oct., 836

on playing the game of expert witness in a two-value logic system (McCarthy), Jan., 130

role of forensic jurisprudence in the judicial process (Matte), April, 327

science in justice: the past 25 years (Schroeder), April, 233

K

Katz, Sedelle: see Murphy, G. E., Gantner, G. E., Wetzel, R. D., Katz, Sedelle, and Ernst, M. F.

Kaul, Balkrishena: see Coumbis, R. J. and Kaul, Balkrishena

Kazyak, Leo: Information exchange and computerized data retrieval for toxicology, Jan., 147

Keeping, E. S.: see Gaudette, B. D. and Keeping, E. S.

Kingston, C. R. and Peterson, J. L.: Forensic science and the reduction of crime, July, 417Kirch, E. R.: see Christopoulos, G. N. and Kirch, E. R.

Kirchgessner, W. G., DiPasqua, A. C., Anderson, W. A., and Delaney, G. V.: Drug identification by the application of gas chromatography/time-of-flight mass spectrometer technique, April, 313

Krishnan, S. S.

Detection of gunshot residue on the hands by neutron activation and atomic absorption analysis, Oct., 789

Firing distance determination by atomic absorption spectrophotometry, April, 351

Kuranz, R. L.: Technique for the separation of ink dyestuffs with similar R_F values, Oct., 852

L

Larson, C. P.: Unusual methods of human identification used in three cases, April, 402 Laser microprobe

sample methodology for laser microprobe analysis (Bosen, Pudzianowski, and Dragutinovich), April, 357 use of the laser microprobe in forensic science (Sullivan, Pompa, Sabatino, and Horan), July, 486

Law enforcement

bias and quality control in forensic science: a cause for concern (Thomson), July, 504

foundation for politization of the police: its implications on the Watergate scandal (Johnson), Oct., 836

Law (jurisprudence)

educating the forensic jurisprudent (Joling), April, 337

legal aspects of obtaining evidence for analysis by forensic techniques (Giannelli), July, 428

role of forensic jurisprudence in the judicial process (Matte), April, 327

Lawrence, R. D.: Respirator-induced pneumothorax and subcutaneous emphysema: experimental overinflation of cadaver lungs, July, 548

Legal medicine

milestones in forensic science (Thomas), April, 241

passing of lay coroners (Childs), Jan., 8

reflections upon case history, diagnosis, and therapy of a frustrated patient: forensic science (Maehly), April, 255

science in justice: the past 25 years (Schroeder), April, 233

Litigation, suicide and civil litigation (Perr), April, 261

Luke, J. L.: see Greene, M. H., Luke, J. L., and DuPont, R. L.

Lukens, H. R. and Bryan, D. E.: DS method for evidence characterization, Oct., 855

Lynch, V. deP.: Baccalaureate program in toxicology, Jan., 142

M

Maehly, A. C.: Reflections upon case history, diagnosis, and therapy of a frustrated patient: forensic science, April, 255

Manno, Barbara: see Manno, Joseph, Manno Barbara, Walsworth, David, and Herd, Ray

Manno, Joseph, Manno, Barbara, Walsworth, David, and Herd, Ray: Analysis and interpretation of the cannabinolic content of confiscated marihuana samples, Oct., 884

Manura, John: see Saferstein, Richard, Chao, Jew-Ming, and Manura, John

Marihuana

analysis and interpretation of the cannabinolic content of confiscated marihuana samples (Manno, Manno, Walsworth, and Herd), Oct., 884

microscopic morphology of marijuana ash (De Forest, Morton, and Henderson), April, 372

Marine fuels, analysis and survey of marine

fuels and pollution samples (Rouen and Reeve), July, 607

Marshall, C. E. and Shappell, S. D.: Sudden death in association with the ballooning posterior mitral leaflet syndrome, Oct., 715 Mason, M. F.

Note upon barometric pressure and breathalcohol analysis, April, 325

Some reflections during a presidential term, Jan., 3

see Foerster, E. H. and Mason, M. F.

Mass spectrometry

chemical ionization mass spectrometry: a rapid technique for forensic analyses (Beggs and Day), Oct., 891

drug identification by the application of gas chromatography/time-of-flight mass spectrometer technique (Kirchgessner, Di-Pasqua, Anderson, and Delaney), April, 313

identification of drugs by chemical ionization mass spectroscopy—part II (Saferstein, Chao, and Manura), July, 463

Matte, P. J.: Role of forensic jurisprudence in the judicial process, April, 327

Mattoo, B. N., Wani, A. K., and Asgekar, M. D.: Casualty criteria for wounds from firearms with special reference to shot penetration—part II, July, 585

McBay, A. J.

Turk, R. F., Corbett, B. W., and Hudson, Page: Determination of propoxyphene in biological materials, Jan., 81

see Turk, R. F., McBay, A. J., and Hudson, Page

McCarthy, J. F.: On playing the game of expert witness in a two-value logic system, Jan., 130

Medical experimentation, medical experimentation on captive populations in the United States (Perper), July, 557

Messler, Harold: see Stevens, J. M. and Messler, Harold

Methadone

methadone—a cause of death (Segal and Catherman), Jan. 64

opiate overdose deaths in the District of Columbia. part II-methadone-related fatalities (Greene, Luke, and DuPont), July, 575

Miller, J. T.: Review of An Introduction to Criminalistics by O'Hara and Osterburg, Jan., 178

Mills, D. H.: Review of *The Medical Detectives* by Cooper, Oct., 929

Milzoff, J. R.: see Pranitis, P. A. F., Milzoff, J. R., and Stolman, Abraham

Mitosinka, G. T.: see Ogle, R. R., Jr. and Mitosinka, G. T.

Morphine

distribution of morphine and related com-

pounds in human tissues and biological fluids using radioimmunoassay techniques (Coumbis and Kaul), April, 307

hydrolysis of morphine glucuronide (Fish and Hayes), July, 676

Morton, C. V.: see De Forest, P. R., Morton, C. V., and Henderson, R. A.

Muraki, A. S.: see Hadley, S. G., Muraki, A. S., and Spitzer, Kenneth

Murphy, G. E., Gantner, G. E., Wetzel, R. D., Katz, Sedelle, and Ernst, M. F.: On the improvement of suicide determination, April, 276

Murthy, S. N. S.: see Der Marderosian, A. H. and Murthy, S. N. S.

N

Nakamura, G. R.: see Cravey, R. H., Shaw, R. F., and Nakamura, G. R.

Narcotics, see Toxicology

Neutron activation analysis

detection of gunshot residue on the hands by neutron activation and atomic absorption analysis (Krishnan), Oct., 789

DS method for evidence characterization (Lukens and Bryan), Oct., 855

Noguchi, T. T.: Review of Current Methods of Autopsy Practice by Ludwig, Jan., 180

0

Odontology

Eva Braun Hitler's odontological identification—a forensic enigma? (Sognnaes), April, 215

use of bite mark evidence as an investigative aid (Dinkel), July, 535

Ogle, R. R., Jr. and Mitosinka, G. T.: Identification of cut multistranded wires, Oct., 865

p

Paraldehyde, fatal overdose of paraldehyde during treatment of a case of delirium tremens (DiMaio and Garriott), Oct., 755

Parentage, blood groups of Chinese in New York City: application to problems of disputed parentage (Weiner), Oct., 735

Parker, Brian: see Gurgin, V. A., Parker, Brian, and Betsch, S. J.

Parker, D. B.: Computer related crime, April, 292

Pathology

asymmetrical hypertrophy of the heart: two sudden deaths in adolescents (Sturner and Spruill), July, 565

case of infanticide (DiMaio and Bernstein), Oct., 744

casualty criteria for wounds from firearms with special reference to shot penetration—

Part II (Mattoo, Wani, and Asgekar), July, 585

deaths due to accidental discharge of a dropped handgun (DiMaio and Jones), Oct., 759

fallacies in the signs of death (Burton), July, 529

pathologic criteria of radiation injury (Warren), Oct., 709

peculiarities of certain .22 caliber revolvers (Saturday night specials) (Schmidt-Orndorff, Reitz, and Spitz), Jan. 48

postmortem chemistries on blood with particular reference to urea nitrogen, electrolytes, and bilirubin (Coe), Jan., 33

postmortem chemistry: practical considerations and a review of the literature (Coe), Jan., 13

respirator-induced pneumothorax and subcutaneous emphysema: experimental overinflation of cadaver lungs (Lawrence), July, 548

sperm's morphologic survival after 16 days in the vagina of a dead body (Wilson), July, 561

sternal foramen: the possible forensic misinterpretation of an anatomic abnormality (Taylor), Oct., 730

sudden death in association with the ballooning posterior mitral leaflet syndrome (Marshall and Shappell), Oct., 715

sudden unexpected death in hemoglobin SC disease (Hirsch, Chang, and Hoffman), Jan. 43

timing of injury in human thermal burns (Raasch, Hirvonen, and Stahl), Oct., 723

two deaths caused by a lack of oxygen in an underground chamber (Di Maio and Di Maio), April, 398

unusual methods of human identification used in three cases (Larson), April, 402

Perper, J. A.: Medical experimentation on captive populations in the United States, July, 557

Perr, I. N.: Suicide and civil litigation, April, 261

Peterson, J. L.: see Kingston, C. R. and Peterson, J. L.

Petroleum products, analysis and survey of marine fuels and pollution samples (Rouen and Reeve), July, 607

Petty, C. S.: see Stone, I. C., Jr. and Petty,

Phillips, A. P.: Radioimmunoassay technique for digoxin in postmortem blood, Oct., 900

Phillips, R. N.: Review of *Drugs: Annotated Bibliography and Guide* by Ajami, July, 700 Physical anthropology

attempt at determining probablities in human scalp hair comparison (Gaudette and Keeping), July, 599 identification of primate hair (Rosen), Jan., 109

Pickering W. H.: Stardust on the bar: space fallout in criminalistics, April, 227

Pillay, K. K. S., Jester, W. A., and Fox, H. A.: New method for the collection and analysis of gunshot residues as forensic evidence, Oct., 768

Pneumothorax, respirator-induced pneumothorax and subcutaneous emphysema: experimental overinflation of cadaver lungs (Lawrence), July, 548

Pollution, analysis and survey of marine fuels and pollution samples (Rouen and Reeve), July, 607

Pompa, C.: see Sullivan, R. C., Pompa, C., Sabatino, L. V. and Horan, J. J.

Postmortem chemistry

postmortem chemistries on blood with particular reference to urea nitrogen, electrolytes, and bilirubin (Coe), Jan., 33

postmortem chemistry: practical considerations and a review of the literature (Coe), Jan., 13

Pranitis, P. A. F., Milzoff, J. R., and Stolman, Abraham: Extraction of drugs from biofluids and tissues with XAD-2 resin, Oct., 917

Primates, identification of primate hair (Rosen), Jan., 109

Propellants, estimation of fluoroalkane propellants (Christopoulos and Kirch), Jan., 168 Propoxyphene

determination of propoxyphene in biological materials (McBay, Turk, Corbett, and Hudson), Jan., 81

incidence of propoxyphene poisoning: a report of fatal cases (Cravey, Shaw, and Nakamura), Jan., 72

Propylhexedrine, two propylhexedrine-associated fatalities: Benzedrine® revisited (Sturner, Spruill, and Garriott), July, 572

Psychiatry

evaluation of amnesia in criminal-legal situations (Sadoff), Jan., 98

multiple aspects of suicide (Babigian), April, 267

on the improvement of suicide determination (Murphy, Gantner, Wetzel, Katz, and Ernst), April, 276

sexual aberrance in male adolescents manifesting a behavorial triad considered predictive of extreme violence: some clinical observations (Wax and Haddox), Jan.. 102 suicide and civil litigation (Perr), April, 261

Pudzianowski, Andrew: see Bosen, S. F., Pudzianowski, Andrew, and Dragutinovich, Gwen

Pyrolysis

potential of pyrolysis-gas chromatography for the pattern individualization of macromolecular materials (De Forest), Jan., 113 pyrolysis-gas chromatographic analysis of automobile paints (Stewart), Jan., 121

C

Quality control, bias and quality control in forensic science: a cause for concern (Thomson), July, 504

Questioned documents

effect of interchanging segments between two typewriters: a unique criminal defense defeated (Hilton), Oct., 841

on playing the game of expert witness in a two-value logic system (MCCarthy), Jan., 130

paper fiber impressions on carbon tape ribbons (Hahn), Jan., 136

revised method of classifying fraudulent checks in a document examination laboratory (Schroeder), July, 618

R

Raasch, R. O., Jr., Hirvonen, J. I., and Stahl, C. J.: Timing of injury in human thermal burns, Oct., 723

Radiation, pathologic criteria of radiation injury (Warren), Oct., 709

Radioimmunoassay

distribution of morphine and related compounds in human tissues and biological fluids using radioimmunoassay techniques (Coumbis and Kaul), April, 307

radioimmunoassay technique for digoxin in postmortem blood (Phillips), Oct., 900

Reeve, V. C.: see Rouen, R. A. and Reeve, V. C.

Reitz, J. A.: see Schmidt-Orndorff, Hannelore, Reitz, J. A., and Spitz, W. U.

Research, research at the Home Office Central Research Establishment (Curry), April, 301

Resins, extraction of drugs from biofluids and tissues with XAD-2 resin (Pranitis, Milzoff, and Stolman), Oct., 917

Rodgers, P. G.: see Bergh, A. K. and Rodgers, P. G.

Root, Irving: see Scott, Wayne, Root, Irving, and Sanborn, Bernard

Rosen, S. J.: Identification of primate hair, Jan., 109

Rothwell, T. J. and Sayce, M. D.: Stability of PGM and AK isoenzymes in human tissues, July, 590

Rouen, R. A. and Reeve, V. C.: Analysis and survey of marine fuels and pollution samples, July, 607

Rupp, J. C.: Review of Investigation of Violent and Sudden Death by Hendrix, April, 410

S

Sabatino, L. V.: see Sullivan, R. C., Pompa,

- C., Sabatino, L. V., and Horan, J. J.
- Sabo, John: see Judd, Gary, Sabo, John, Hamilton, William, Ferriss, Stark, and Horn, Robert
- Sachs, J. L.: Review of Constitutional Rights of the Accused—Pretrial Rights by Cook, Jan., 181
- Sadoff, R. L.: Evaluation of amnesia in criminal-legal situations, Jan., 98
- Saferstein, Richard, Chao, Jew-Ming, and Manura, John: Identification of drugs by chemical ionization mass spectroscopy—part II, July, 463
- Sanborn, Bernard: see Scott, Wayne, Root, Irving, and Sanborn, Bernard
- Sayce, M. D.: see Rothwell, T. J. and Sayce, M. D.
- Scanning electron microscopy
 - characterization of paint fragments by combined topographical and chemical electron optics techniques (Wilson, Judd, and Ferriss), April, 363
 - evaluation of SEM potential in the examination of shotgun and rifle firing pin impressions (Grove, Judd, and Horn), July, 441
 - microscopic morphology of marijuana ash (De Forest, Morton, and Henderson), April, 372
 - SEM microstriation characterization of bullets and contaminant particle identification (Judd, Sabo, Hamilton, Ferris, and Horn), Oct., 798
- Schmidt-Orndorff, Hannelore, Reitz, J. A., and Spitz, W. U.: Peculiarities of certain .22 caliber revolvers (Saturday night specials), Jan., 48
- Schroeder, E. H. W.: Revised method of classifying fraudulent checks in a document examination laboratory, July, 618
- Schroeder, Oliver, Jr.: Science in justice: the past 25 years, April, 233
- Scott, Wayne, Root, Irving, and Sanborn, Bernard: Use of vitreous humor for determination of ethyl alcohol in previously embalmed bodies, Oct., 913
- Segal, R. J. and Catherman, R. L.: Methadone—a cause of death, Jan., 64
- Sex behavior, sexual aberrance in male adolescents manifesting a behavioral triad considered predictive of extreme violence: some clinical observations (Wax and Haddox), Jan., 102
- Shappell, S. D.: see Marshall, C. E. and Shappell, S. D.
- Shaw, R. F.: see Cravey, R. H., Shaw, R. F., and Nakamura, G. R.
- Siek, T. J.: Identification of drugs and other toxic compounds from their ultraviolet spectra. part I: ultraviolet absorption properties of sixteen structural groups, April, 193

- Silicone rubber casts, identification of cut multistranded wires (Ogle and Mitosinka), Oct., 865
- Sognnaes, R. F.: Eva Braun Hitler's odontological identification—a forensic enigma?, April, 215
- Space technology, stardust on the bar: space fallout in criminalistics (Pickering), April, 227
- Sperm, sperm's morphologic survival after 16 days in the vagina of a dead body (Wilson), July, 561
- Spermine, spermine and choline identification by thin-layer chromatography (Hallcock), Jan., 172
- Spitz, W. U.
 - Review of Koelsch's Textbook of Occupational Diseases ed. by Kersten, April, 411 see Schmidt-Orndorff, Hannelore, Reitz, J.A., and Spitz, W. U.
- Spitzer, Kenneth: see Hadley, S. G., Muraki, A. S., and Spitzer, Kenneth
- Spruill, F. G.
- see Sturner, W. Q. and Spruill, F. G.
- see Sturner, W. Q., Spruill, F. G., and Garriott, J. C.
- Stahl, C. J.
 - see Jones, S. R., Besant-Matthews, P. E., Williams, F. J., and Stahl, C. J.
 - see Raasch, F. O., Jr., Hirvonen, J. I., and Stahl, C. J.
 - see Winter, P. E., Stahl, C. J., Goldbaum, L. R., and Dominguez, A. M.
- Standardization, standardization of forensic drug analyses (Frank and Gunn), Jan., 163
- Sternum, sternal foramen: the possible forensic misinterpretation of an anatomic abnormality (Taylor), Oct., 730
- Stevens, J. M. and Messler, Harold: Trace metal detection technique (TMDT): a report outlining a procedure for photographing results in color, and some factors influencing the results in controlled laboratory tests, July, 496
- Stewart, W. D., Jr.: Pyrolysis-gas chromatographic analysis of automobile paints, Jan., 121
- Stolman, Abraham
 - Review of *Clinical Toxicology* by Thienes and Haley, Jan., 182
 - see Pranitis, P. A. F., Milzoff, J. R., and Stolman, Abraham
- Stone, I. C., Jr. and Petty, C. S.: Examination of gunshot residues, Oct., 784
- Sturner, W. Q.
 - and Spruill, F. G.: Asymmetrical hypertrophy of the heart: two sudden deaths in adolescents, July, 565
 - Spruill, F. G., and Garriott, J. C.: Two propylhexedrine-associated fatalities: Benzedrine® revisited, July, 572

Suicide

multiple aspects of suicide (Babigian), April, 267

on the improvement of suicide determination (Murphy, Gantner, Wetzel, Katz, and Ernst), April, 276

role of toxicology in suicide evaluation (Blanke), April, 284

suicide and civil litigation (Perr), April, 261 Sullivan, R. C., Pompa, C., Sabatino, L. V. and Horan, J. J.: Use of the laser microprobe in forensic science, July, 486

Т

Taylor, H. L.: Sternal foramen: the possible forensic misinterpretation of an anatomic abnormality, Oct., 730

Tear gas, injury potential of a reloaded tear gas pen gun (Jones, Besant-Matthews, Williams, and Stahl), Oct., 812

Thin-layer chromatography

analysis of old samples of cannabis sativa L. (Der Marderosian and Murthy), July, 670

extraction of drugs from biofluids and tissues with XAD-2 resin (Pranitis, Milzoff, and Stolman), Oct., 917

spermine and choline identification by thinlayer chromatography (Hallcock), Jan., 172 Thomas, Frederic: Milestones in forensic science, April, 241

Thomson, M. A.: Bias and quality control in forensic science: a cause for concern, July, 504

Tillson, A. H. and Johnson, D. W.: Identification of drug tablet and capsule evidence as to source, Oct., 873

Toxicology

analysis and interpretation of the cannabinolic content of confiscated marihuana samples (Manno, Manno, Walsworth, and Herd), Oct., 884

analysis of old samples of cannabis sativa L.

(Der Marderosian and Murthy), July, 670

baccalaureate program in toxicology (Lynch), Jan., 142

chemical ionization mass spectrometry: a rapid technique for forensic analyses (Beggs and Day), Oct., 891

determination of propoxyphene in biological materials (McBay, Turk, Corbett, and Hudson), Jan., 81

discoloration effect of diluents in contraband cocaine (Dugar, Catalano, and Cerrato), Oct., 868

distribution of morphine and related compounds in human tissues and biological fluids using radioimmunoassay techniques (Coumbis and Kaul), April, 307

drug excretion in the urine of military separatees: a pilot study (Winter, Stahl, Goldbaum, and Dominguez), April, 317 drug identification by the application of gas chromatography/time-of-flight mass spectrometer technique (Kirchgessner, DiPasqua, Anderson, and Delaney), April, 313

drug involvement in automobile driver and pedestrian fatalities (Turk, McBay, and Hudson), Jan., 90

estimation of fluoroalkane propellants (Christopoulos and Kirch), Jan., 168

extraction of drugs from biofluids and tissues with XAD-2 resin (Pranitis, Milzoff, and Stolman, Oct., 917

fatal overdose of paraldehyde during treatment of a case of delirium tremens (Di-Maio and Garriott), Oct., 755

fluorescence and phosphorescence spectra and phosphorescence decay time of harmine, harmaline, harmalol, harmane, and nor-harman in aqueous solutions and EPA at 77 K (Hadley, Muraki, and Spitzer), July, 647

hydrolysis of morphine glucuronide (Fish and Hayes), July, 676

identification of drugs and other toxic compounds from their ultraviolet spectra. part I: ultraviolet absorption properties of sixteen structural groups (Siek), April, 193

identification of drugs by chemical ionization mass spectroscopy—part II (Saferstein, Chao, and Manura), July, 463

identification of drug tablet and capsule evidence as to source (Tillson and Johnson), Oct., 873

incidence of propoxyphene poisoning: a report of fatal cases (Cravey, Shaw, and Nakamura), Jan., 72

information exchange and computerized data retrieval for toxicology (Kazyak), Jan., 147 methadone—a cause of death (Segal and

Catherman), Jan., 64 microscopic morphology of marijuana ash (De Forest, Morton, and Henderson), April,

note upon barometric pressure and breathalcohol analysis (Mason), April, 325

on the choice of color filters for the Breathalyzer ® (Bergh and Rodgers), July, 684

opiate overdose deaths in the District of Columbia. part II—methadone-related fatalities (Greene, Luke, and DuPont), July, 575

preliminary studies on the use of *n*-butyl chloride as an extractant in a drug screening procedure (Foerster and Mason), Jan., 155

radioimmunoassay technique for digoxin in postmortem blood (Phillips), Oct., 900

research at the Home Office Central Research Establishment (Curry), April, 301 role of toxicology in suicide evaluation (Blanke), April, 284

standardization of forensic drug analyses (Frank and Gunn), Jan., 163

two propylhexedrine-associated fatalities: Benzedrine® revisited (Sturner, Spruill, and Garriott), July, 572

use of chemical spot tests kits for the presumptive identification of narcotics and drugs of abuse (Velapoldi and Wicks), July, 636

use of vitreous humor for determination of ethyl alcohol in previously embalmed bodies (Soctt, Root, and Sanborn), Oct., 913

vacuum searches in narcotics cases (Fasanello and Henderson), April, 379

Trace elements, DS method for evidence characterization (Lukens and Bryan), Oct., 855

Trace metals

sample methodology for laser microprobe analysis (Bosen, Pudzianowski, and Dragutinovich), April, 357

trace metal detection technique (TMDT): a report outlining a procedure for photographing results in color, and some factors influencing the results in controlled laboratory tests (Stevens and Messler), July, 496

use of the laser microprobe in forensic science (Sullivan, Pompa, Sabatino, and Horan), July, 486

Tuchler, M. I.: Review of Key to Psychiatry— A Textbook for Students by Sainsbury, Oct., 931

Turk, R. F.

McBay, A. J., and Hudson, Page: Drug involvement in automobile driver and pedestrian fatalities, Jan., 90

see McBay, A. J., Turk, R. F., Corbett, B. W., and Hudson, Page

Typewriters

effect of interchanging segments between two typewriters: a unique criminal defense defeated (Hilton), Oct., 841

paper fiber impressions on carbon tape ribbons (Hahn), Jan., 136

U

Ultraviolet spectra

determination of propoxyphene in biological materials (McBay, Turk, Corbett, and Hudson), Jan., 81

identification of drugs and other toxic compounds from their ultraviolet spectra. part I: ultraviolet absorption properties of sixteen structural groups, (Siek), April, 193

Urine, drug excretion in the urine of military separatees: a pilot study (Winter, Stahl, Goldbaum, and Dominguez), April, 317

\mathbf{v}

Vacuum searches, vacuum searches in narcotics cases (Fasanello and Henderson), April, 379

Vagnina, L. L.

Review of Flight Characteristics and Stain Patterns of Human Blood by MacDonnell, July, 696

Review of Laboratory Manual on the Geometric Interpretation of Human Bloodstain Evidence by MacDonnell and Bialousz, July, 697

Velapoldi, R. A. and Wicks, S. A.: Use of chemical spot tests kits for the presumptive identification of narcotics and drugs of abuse, July, 636

Vitreous humor, use of vitreous humor for determination of ethyl alcohol in previously embalmed bodies (Scott, Root, and Sanborn), Oct., 913

W

Walsworth, David: see Manno, Joseph, Manno, Barbara, Walsworth, David, and Herd, Ray Wani, A. K.: see Mattoo, B. N., Wani, A. K.,

and Asgekar, M. D.

Warren, Shields: Pathologic criteria of radiation injury, Oct., 709

Wax, D. E. and Haddox, V. G.: Sexual aberrance in male adolescents manifesting a behavioral triad considered predictive of extreme violence: some clinical observations, Jan., 102

Wetzel, R. D.: see Murphy, G. E., Gantner, G. E., Wetzel, R. D., Katz, Sedelle, and Ernst, M. F.

Wicks, S. A.: see Velapoldi, R. A. and Wicks, S. A.

Wiener, A. S.: Blood groups of Chinese in New York City: application to problems of disputed parentage, Oct., 735

Williams, F. J.: see Jones, S. R., Besant-Matthews, P. E., Williams, F. J., and Stahl, C. J.

Wilson, E. F.: Sperm's morphologic survival after 16 days in the vagina of a dead body, July, 561

Wilson, Richard, Judd, Gary, and Ferriss, Stark: Characterization of paint fragments by combined topographical and chemical optics techniques, April, 363

Winter, P. E., Stahl, C. J., Goldbaum, L. R., and Dominguez, A. M.: Drug excretion in the urine of military separatees: a pilot study, April, 317

Wire, identification of cut multistranded wires Ogle and Mitosinka), Oct., 865

Y

Young, S. G.: Restoration of obliterated stamped serial numbers by ultrasonically induced cavitation in water, Oct., 820