

EQUILIBRIUM CONTENTS  
1978 - 2020 • Pages 1-4776

<b>Pages</b>	<b>Title or Subject Matter</b>	<b>Author</b>
3-6	Precision Balances	Michael Joyce
7-9	Beam, Repairs & Inspectors	John Lound
10-12	Profile - R.W. Winfield	Harry Green
12-15	American Counterfeit Coin Detectors	A. George Mallis
18-19	Person Scale/Young & Son	Brian Brass
20-24	British Verification Marks/Part I	Michael A. Crawforth
26-31	Money Scales from the Dukedom of Berg and County of Mark/Part I	Carl Mönnig
38-39	Caveat Emptor	Michael A. Crawforth
43-48	British Verification Marks/Part II	Michael A. Crawforth
51-53	German Grain Scales	Utz Schmidt
55-59	The Dotchin	A. G. Thurkow
61-65	Money Scales from the Dukedom of Berg and County of Mark/Part II	Carl Mönnig
66	Review: <i>European Coin Weights for English Coins</i> , by Gerard Houben	Michael A. Crawforth
67-72	British Verification Marks/Part III	Michael A. Crawforth
75-79	Profile - Fairbanks & Co./Part I	Morton B. Needle
80-82	Grain Scales	Michael A. Crawforth
83-86	Earthenware Weights	Gillian Dick
87	A Basic Library	Michael A. Crawforth
90-96	British Verification Marks/Part IV	Michael A. Crawforth
102	Review: <i>United States Standards of Weights and Measures - Their Creation and Creators</i> , by Arthur H. Frazier	Albert R. Eaches
103-105	Napier's Balances and the Mint (see also p. 114)	Michael Joyce

<b>Pages</b>	<b>Title or Subject Matter</b>	<b>Author</b>
106-110	Profile - Fairbanks & Co./Part II	Morton B. Needle
115-124	British Verification Marks/Part V	Michael A. Crawforth
127-135	Roberval/Symposium. 1979	Michael A. Crawforth
135	Review: <i>Weighing Coins: English Folding Gold Balances of the 18th &amp; 19th Century</i> , by Michael A. Crawforth	Antiques & Arts Monitor
137-138	Repairing Sugar Scales	John Lound
139	Review: <i>Veteran Scales &amp; Balances</i> , by Brian Jewell	Michael A. Crawforth
140-142	Space-Age Weighing	Max Gasser
144	Caveat Emptor	Michael A. Crawforth
145-148	Cataloguing a Collection	Michael A. Crawforth
151-158	Scales of the Gold Rush/Symposium 1979	William Doniger
160-162	Arabic Glass Weights	Denis G. Vorley
163-165	British Verification Marks/Supplement	Michael A. Crawforth
166-167	Simple Weights for Coins	Michael A. Crawforth
168-169	A Roman Steelyard	Dr. Abraham Eran
179-189	Papergoods: A Necessary Part of a Scale Collection/Symposium 1979	Norman B. Sturgess
190-191	A Few of Our Scales	David & Jean Colker
198-199	Patently Interesting/Hall's Patents (see also 219-220)	Michael A. Crawforth
200	Rare Folders	Michael A. Crawforth
207-215	London Scalemakers - Part I/Symposium 1979	Diana Crawforth
221-225	Collecting Adventures	Frances & Mort Wormser
226	Review: <i>Weights and Measures</i> , by John T. Graham	Michael A. Crawforth
226	Review: <i>Weights in Pictures</i> , by W. Hartong van Ark	Michael A. Crawforth

<b>Pages</b>	<b>Title or Subject Matter</b>	<b>Author</b>
235-237	Balances by Greaves	Michael A. Crawforth
239-248	London Scalemakers - Part II/Symposium 1979	Diana Crawforth
251-253	Beware of Fake Nesting Weights	H. Lockner
263, 271	Patently Interesting/Henry's Patent (see also p. 282)	Michael A. Crawforth
264-277	Counterfeit Coin Detectors/Symposium 1979	Michael A. Crawforth
278-279	Russian Nesting Weights/Part I	Carl Mönnig
291-298	1001 Variations/Illustrated Weights	L.A. uit den Boogaard
299-303	Review: <i>The Monied Man's Vade Mecum/Gold Coin Steelyard</i> , by Benjamin Martin, with abstracts and comments by	Michael A. Crawforth
307	A Spanish Patent of 1860	Sue Berastegui
308-310	Collecting Ancient Weights/ Symposium 1979	Joel L. Malter
318	Patently Interesting/Söhne's Patent	Michael A. Crawforth
319-326	Japanese Scales and Weights	Dr. Shigeo Iwata
327-331	Weighing the World	Michael Joyce
333-338	Making Scales-John Chatillon & Sons/Part I, with comments by ...	Michael A. Crawforth
347-352	Burmese Bronze Weights	Gerard Houben
355	Review: <i>2000 Jaar Gewichten in de Nederland/Weights and Makers of the Netherlands</i> , by D.A. Wittop Koning & G.M.M. Houben	Michael A. Crawforth
355	Review: Scales and Balances, by John T. Graham	Michael A. Crawforth
356-360	Old Tenor/Finding a Rare Coin Scale	A. George Mallis
363-372	Photograph Scales & Weights!	Michael A. Crawforth
375-384	Egg Scales/Part 1	Michael A. Crawforth
385-388	European Porcelain Weights	Gerard Houben
389	Patently Interesting/White's Patent	Michael A. Crawforth
390-394	The Troy Pound Mystery	Tom Graham

<b>Pages</b>	<b>Title or Subject Matter</b>	<b>Author</b>
395-397	About Postal Patents	Michael A. Crawforth
398-400	Patent Postals, Britain, 1840-1940/Part I	Michael A. Crawforth
403-408	Candlesticks	Brian Brass
410-417	Egg Scales/Part 2	Michael A. Crawforth
420-421	Chick-Pea Scales	Sue Berastegui
422-424	Cased Postal Weights	Michael A. Crawforth
425-428	Patent Postals, Britain, 1840-1940/Part II	Michael A. Crawforth
431-435	Mancur Balances	Maurice Stevenson
439-444	Weights & Measures Control in South Africa	John Haigh
447-452	Making Scales-John Chatillon & Sons/part II, with comments by ...	Michael A. Crawforth
453-456	Patent Postals, Britain, 1840-1940/Part III	Michael A. Crawforth
459-467	Guinea Weights/Part I	Ronald Stocks
468-476	Making Scales & Weights/"Balancier" (Scalemaker); Encyclopaedia of Aembert and Diderot, with comments by ...	Michael A. Crawforth
477-478	Drugstore Scales/Becker's Sons, Rotterdam	Lou uit den Boogaard
481-484	Patent Postals, Britain, 1840-1940/Part IV	Michael A. Crawforth
487-492	American Weighing Scoops	Thomas Carley
493-494	Precision Balance 1	Hans R. Jenemann
495-504	Guinea Weights/Part II	Ronald Stocks
506-507	Profile/Johannes Kirch	Carl Mönning
509-512	Patent Postals, Britain, 1840-1940/Part V	Michael A. Crawforth
515-529	George Salter & Co./Part I	Michael A. Crawforth
531-534	The New York Assay Office	Harper's Weekly
537-540	Patent Postals, Britain, 1840-1940/Part VI	Michael A. Crawforth
543-554	George Salter & Co./Part II	Michael A. Crawforth

<b>Page</b>	<b>Title or Subject Matter</b>	<b>Author</b>
556-557	Review: <i>Balanciers: Etalonneurs-Leurs Marques, Leurs Poincons/Scalemakers: Inspectors - Their Mastersign, Their Stamps</i> , by F.G. Lavagne	Michael A. Crawforth
557	Review: <i>The Weighing of Money</i> , by G.M.M. Houben	Michael A. Crawforth
557-558	Review: <i>Die Merkzeichen Der Nurnberger Rotschmiede/ The Mastersigns of Nuremberg Coppersmiths</i> , by Hermann P. Lockner	Michael A. Crawforth
563-564	Precision Balance 2	Hans R. Jenemann
565-568	Patent Postals, Britain, 1840-1940/Part VII	Michael A. Crawforth
571-578	Early History of the Inclination Balance/Part I	Hans R. Jenemann
578-579	Egyptian & Roman Scales/Convention 1983	Michael A. Crawforth
581-588	Iron Weights in Britain/Part I	Michael A. Crawforth
589-590	Precision Balance 3	Hans R. Jenemann
593-594	Review: <i>Balances &amp; Weights</i> , by Olivia Brown/ Whipple Museum, Cambridge, England	Michael A. Crawforth
594	Review: <i>Equal Measure for Kings and Commoners - Gold Weights of the Akan</i> , By Andre Nitecki/ Glenbow Museum, Calgary, Canada	Michael A. Crawforth
595-596	Patent Postals, Britain, 1840-1940/Part VIII	Michael A. Crawforth
599-601	An Apothecary Balance	Aime Pommier
602-610	Early History of the Inclination Balance/Part II	Hans R. Jenemann
611-619	Iron Weights in Britain/Part II	Michael A. Crawforth
619	Review: <i>Die Munzwaage in der Hand des Sammlers/ Collecting Money Scales</i> , by Ralph Bastian	Gerard Houben
620	Precision Balance 4	Hans R. Jenemann
621-624	Patent Postals, Britain, 1840-1940/Part IX	Michael A. Crawforth
627-629	A Rare Wilkinson Balance	Lou uit den Boogaard
629-632	Scales & Weights/"Chymie" (Chemistry); Encyclopaedia of Diderot and D'Alembert, with comments by ...	Michael A. Crawforth
633-639	Iron Weights in Britain/Part III	Michael A. Crawforth

<b>Page</b>	<b>Title or Subject Matter</b>	<b>Author</b>
642-643	Precision Balance 5	Hans R. Jenemann
645-646	Yekeri-Steelyard Maker/Istanbul	Michael A. Crawforth
648-649	Redeeming Trade Dollars/1887	Harper's Weekly
650-652	Patent Postals, Britain, 1840-1940/Part X	Michael A. Crawforth
655-661	Early Platform Scales/Part I	Michael A. Crawforth
662-663	Fancy Postal Scales	Lou uit den Boogaard
664-665	Precision Balance 6	Hans R. Jenemann
666-671	Hay Weighing Forks	Thomas Carley
672-675	A Five-Turn Folder/Gold Balance	Michael A. Crawforth
677-680	Patent Postals, Britain, 1840-1940/Part XI	Michael A. Crawforth
683-691	Authenticity/Checking English Postal Scales and Weights	Lou uit den Boogaard
692-699	Early Platform Scales/Part II	Michael A. Crawforth
700-702	Precision Balance 7	Hans R. Jenemann
704-708	Patent Postals, Britain, 1840-1940/Part XII	Michael A. Crawforth
708	Identifying Letter Scales/"A" Frame Research	Michael A. Crawforth
711-716	An Inspector Looks Back	Bob Holdaway
717	Review: <i>The American Weigh/Vintage Penny Weighing Scales from the Collection of Christopher Steele,</i> Taft Museum, Cincinnati, Ohio	Michael A. Crawforth
718-720	Precision Balance 8	Hans R. Jenemann
721-728	Early Platform Scales/Part III	Michael A. Crawforth
729-730	Wardmote Inquest/1808 Historical Extract	W. H. Pyne
731-735	Sets of Weights	Michael A. Crawforth
738	Review: <i>2000 Years of Nested Cup-Weights,</i> by G.M.M. Houben	Michael A. Crawforth
739-749	Scales as Symbols	Ellen Zak Danforth
750-752	Precision Balance 9	Hans R. Jenemann

<b>Page</b>	<b>Title or Subject Matter</b>	<b>Author</b>
759-764	American CCD's/Counterfeit Coin Detectors	Don Gorlick
767-775	Weighing in the Kitchen	Petite Propos Culinaire
776-783	Medieval Weights & Measures/A 15th Century Wall Chart	James E. Kelley, Jr.
785	Review: Control of Pounds and Pints, by Ronald Stocks	Michael A. Crawforth
786-788	American Patent CCDs - No. 1/Counterfeit Coin Detectors	A. George Mallis
790-792	Precision Balance 10	Hans R. Jenemann
795-796	Alternative Shapes for Analytical Weights	Ben Hilgersom
797-808	English Apothecaries Scales & Weights/Part I	Michael A. Crawforth
814-816	An Ancient Coin Balance	Lionel Holland
818-820	American Patent CCDs - No. 2/Counterfeit Coin Detectors	A. George Mallis
823-824	Roman Bismar	Thomas Carley
826-835	English Apothecaries Scales & Weights/Part 2	Michael A. Crawforth
836-837	Projection Indicators	Hans R. Jenemam
838-839	Charles Dickens' Scale	Lewis S. Weiss
840-842	American Patent CCDs - No. 3/Counterfeit Coin Detectors	A. George Mallis
843-844	Precision Balance 11	Hans R. Jenemam
844-847	Making Scales/Schnellwaagen-Fabrik, Karlsruhe, Germany - Part 1, with comments by ...	Michael A. Crawforth
851-855	Another Look Back/Experiences of a Scale Inspector	Bob Holdaway
858-863	Old Iron Beams/The Great Beam of Bordeaux	Aime Pommier
864-868	A Trip to Malta	Lou uit den Boogaard
869-870	Arrow Scales & Weights	W. A. Benton
872-873	Precision Balance 12	Hans R. Jenemann
873-874	Substitution Weighing	Hans R. Jenemann

<b>Pages</b>	<b>Title or Subject Matter</b>	<b>Author</b>
875-876	American Patent CCDs - No. 4/Counterfeit Coin Detectors	A. George Mallis
879-884	English Coin-Weights/No. 1	Norman Biggs
885-888	Quintenz, Rolle & Schwilgue--The Decimal Scale	K. E. Haeberle
889-892	Making Scales/Schnellwaagen--Fabrik, Karlsruhe, Germany - Part 2, with comments by ...	Michael A. Crawforth
893-894	Apothecary's Weights (see also pp. 826-835)	Geoffrey Newall Michael A. Crawforth
898-901	Entertaining Trade Cards	Lewis S. Weiss
902-904	American Patent CCD's - No. 5/ Counterfeit Coin Detectors	A. George Mallis
907-912	Ratl Weights in Ottoman Palestine	Lionel Holland
913-919	English Coin-Weights/No. 2	Norman Biggs
919-924	Egg Scales/Part 3	Michael A. Crawforth
930-932	American Patent CCDs - No. 6/Counterfeit Coin Detectors	A. George Mallis
935-938	S. Mordan & Co.(including color photographs)(see also pp. 941-950)	Michael A. Crawforth
939-940	Colour Showcase (see also pp. 956-958)	---
951-954	English Coin-Weights/No. 3	Norman Biggs
955	Loose Weight, Steelyard	Bob Holdaway
959	Letter: Tacho-Schnellwaagenfabrik - Avery in Germany	Albert Rangeley
960	Allender's CCDs	Gary Basch
961	Review: <i>Sampson Mordan &amp; Co.</i> , By Edward EldredMichael	A. Crawforth
962-964	American Patent CDDs - No. 7/Counterfeit Coin Detectors	A. George Mallis
967-970	Photograph Coin Weights	Michael A. Crawforth
971-972	What Will Happen to My Collection?	Michael A. Crawforth



<b>Pages</b>	<b>Title or Subject Matter</b>	<b>Author</b>
973-979	Scales Sales & Scrap	Albert Rangeley
982-983	Weight Depositing Scale	Michael A. Crawforth
984-988	English Coin-Weights/No. 4	Norman Biggs
989	Fairbanks Grain Tester (old advert)	---
990-992	American Patent CCDs - No. 8/Counterfeit Coin Detectors	A. George Mallis
996-1003	A Tale of Two Companies/Torsion Balance Co. (and) Christian Becker	Tod Carley
1004-1007	British Date Marks	Michael A. Crawforth
1010-1016	English Coin-Weights/No. 5	Norman Biggs
1018-1020	American Patent CCDs - No. 9/Counterfeit Coin Detectors	A. George Mallis
1023-1025	Okka Weights in Ottoman Palestine	Lionel Holland
1026-1035	MLS - Steelmar or Bisyard?	Michael A. Crawforth
1040-1046	English Coin-Weights/No. 6	Norman Biggs
1048	Anatomy of a Cased Weight	Michael A. Crawforth
1051-1059	Who'd Be a Baker? Bread-weighing in Britain, 1266-1926/Part 1	Diana Crawforth
1060-1066	English Coin-Weights/No. 7	Norman Biggs
1067-1070	History in a Box	Michael A. Crawforth
1072-1073	Review: <i>Weights and Measures</i> , by J. T. Graham/ Revised Edition by M. Stevenson	Michael A. Crawforth
1073	Review: <i>Scales and Balances</i> , by J. T. Graham/ Revised Edition by A. W. Garratt	Michael A. Crawforth
1074	Review: <i>The Weights and Measures of England</i> , by R.D. Connor (see also pp. 1159-1160)	Michael A. Crawforth Albert Rangeley
1074-1075	Review: <i>A Dictionary of Weights &amp; Measures for the British Isles/The Middle Ages to the Twentieth Century</i> , by Ronald E. Zupko	Michael A. Crawforth
1079-1086	English Coin-Weights/No. 8	Norman Biggs

<b>Pages</b>	<b>Title or Subject Matter</b>	<b>Author</b>
1087-1098	Who'd be a Baker? Bread-weighing in Britain, 1266-1926/Part 2	Diana Crawforth
1099-1100	How I Started ...	Bob Holdaway
1104	Contemporary Comment/Boston Selectmen's Minute Book, 1754-1763	---
1107-1112	Gregory's Imperialized Metric Weights/Extracts from the Works of Isaac Gregory, with comments by...	Michael A. Crawforth
1113-1115	American Patent Models	Graham Forsdyke
1116-1120	Windmill Weights	Albert Rangeley
1125-1132	English Coin-Weights/No. 9	Norman Biggs
1135-1140	Colonial American Weights & Measures	Gene Mahoney
1143-1150	Yarn, Cloth & Roving Scales/No. 1	Michael A. Crawforth
1151-1152	Weights in the Burrell Collection	Brian Brass
1153-1159	Weights & Measures Standards in the UK	Bob Holdaway
1162-1165	Michael Arnold Crawforth/ His Life & Achievements	Diana Crawforth
1165-1167	Review: <i>Nesting Weights, Einsatzgewichte and Piles a Godets/Catalogue of Weights in Streeter Collection</i> , by Ellen Zak Danforth	Michael A. Crawforth
1168-1176	Yarn, Cloth & Roving Scales/No. 2	Michael A. Crawforth
1177-1181	Reitze Coin-Tester (Article correction p. 1210)	Johannes Lindner
1182-1188	Fraud	J. Reg Roberts
1191-1202	Herbert's/The Tale of a Lion	James Herbert
1203-1210	To Clean or Not To Clean/Part 1	Michael A. Crawforth
1211-1216	Dearborn's Gold Standard Balance	Diana Crawforth
1219-1233	Pop it in the Post: The British Postal System, 1640-1988/Part 1	Diana Crawforth
1234-1240	To Clean or Not To Clean/Part 2	Michael A. Crawforth
1240-1244	A Close Finnish	John Knights

<b>Pages</b>	<b>Title or Subject Matter</b>	<b>Author</b>
1246	Why Steelyard?	Michael A. Crawforth
1247-1251	Weighing in the American Kitchen	Gary S. Basch
1252-1264	Pop it in the Post: The British Postal System, 1640-1988/Part 2	Diana Crawforth
1265-1272	To Clean or Not To Clean/Part 3	Michael A. Crawforth
1272	Weight for Munitions?	Lionel Holland
1275-1284	Egg Scales/Part 4	Louis Costa
1285-1286	How I Got Started	Ray Park
1287-1295	Humans on Scales	Diana Crawforth
1296-1297	Review: <i>L'Aventure du Metre/The Adventures of the Meter</i> , by Musee National des Techniques	Gary Batz
1297-1299	Review: <i>Pondera Medicinalia/Apothecaries' Weights</i> , by Daniel Vangroenweghe and Tillo Geldof	Norman Biggs
1303-1310	John Gardner's Coin Scale/A Scottish Gold Coin Scale of 1773	D.J. Bryden
1311-1317	Egg Scales/Part 5	Louis Costa
1318-1320	Restoration Workshop	Ray Wells
1321-1323	How I Got Started	B. Goodwin
1326-1328	Pre-1700 England/Scales & Weights (Part I)	Diana Crawforth
1332-1339	A Talent of St. Mary/Ancient Metrology	Lionel Holland
1341-1345	Wandering Weights	John Knights
1346-1356	Pre-1700 England/Scales & Weights (Part 2)	Diana Crawforth
1361-1363	Contemporary Comment/Balances Without Weights. Researched by Henri Gacon and published in...	la Nature 1887
1363-1366	Hints To Help Date French Postal Scales	---
1367-1376	French Patent Postals/Part 1. Researched by Henri Gacon, with comments by ...	Diana Crawforth
1377-1384	Pre-1700 England/Scales & Weights (Part 3)	Diana Crawforth
1386-1387	Review: <i>Inventaire des Poids/Inventory of Weights</i> , by Musee National des Techniques	Gary Batz

<b>Pages</b>	<b>Title or Subject Matter</b>	<b>Author</b>
1388-1399	Sommers Scalemakers/ 96 Years of Family Scalemaking	Diana Crawforth
1399-1410	French Patent Postals./Part 2. Researched by...	Henri Gacon
1410-1412	Restorf Variations/Balances Without Weights	Brian Stimpson
1414-1420	Isaac Brown's Scales	Michael A.Crawforth
1420-1422	Italian Coin-Scale	Guido Zavattoni
1422-1425	Avery? Fairbanks?/A Scale That's Both?	Robert Grice
1426-1435	Russian Nesting Weights/Part 2	Lucio Marson
1435-1437	Trial of the Pyx	Diana Crawforth
1437-1438	Canadian Butcher's Scales	H. Allan
1438-1440	Salter in Berlin	Sicco Van Beek
1443-1455	Porcelain, China or Pot?	D.F. Crawforth-Hitchins
1456-1462	A Touch of Class	John Knights
1470	Stamping Coin-Weights 1699	Gene Mahoney
1471-1479	Hallmarks on Base Metal	Bende and Paul Withers
1479-1488	Robervals with Encased Stays	D.F. Crawforth-Hitchins
1488-1493	Joseph Richardson-Importer/Gold Scales, c. 1744-1784, from material provided by...	Eric Newman
1494-1496	James Jackson-Jeweller's Initiative?/ First Assay Master, Birmingham, 1773	D.F. Crawforth-Hitchins
1499-1513	Thomas Beach/English Scalemaker (Part 1)	D.F. Crawforth-Hitchins
1508-1509	Birmingham Scalemakers 1750-1800	---
1514-1518	Avery Postal Steelyard	Gloria & Ralph Lipfert
1521-1524	How I Got Started/Weights of Burma	Joan and Donald Gear
1525-1526	Perfas/A Fascinating and Unusual Scale (see also pp. 1569-1571)	Herbert Grieshaber
1526-1527	An Early Howe? And How!	Jerome Katz
1528-1531	Howe They Altered/data provided by Gene Mahoney and Lou uit den Boogaard	D.F. Crawforth-Hitchins

<b>Pages</b>	<b>Title or Subject Matter</b>	<b>Author</b>
1531-1532	Denison 'Lent'/The Denison 30-Ton Weigher	Albert Rangeley
1533-1534	In Fair, All's Love and War	John Knights
1535-1537	French Patent Postals/Part 3	William Doniger Lou uit den Boogaard
1539-1548	Thomas Beach/English Scalemaker (Part 2)	D.F. Crawforth-Hitchins
1548-1552	Unusual 1640s Coin Scale	Norman Biggs Daniel Vangroenweghe
1555	How I Got Started	William Lindeyer
1556-1560	Chatillon/Part 1	William Lindeyer D.F. Crawforth-Hitchins
1561-1562	Earliest English Coin Weights	Gerard Houben
1563-1565	Review: <i>Weight-Stamping by the Worshipful Company of Founders and City of London</i> , by Maurice Stevenson	Norman Biggs
1566-1569	Medieval Bronze Beamed - A Fishy Story	Maurice Stevenson
1572-1580	Thomas Beach/English Scalemaker (Part 3)	D.F. Crawforth-Hitchins
1580	Fire Guilding/Ormolu	D.F. Crawforth-Hitchins
1583-1585	Mystery of History/ The Moffett Family, Scalemakers	D.F. Crawforth-Hitchins
1586-1590	Sight-hole Shears	D.F. Crawforth-Hitchins
1591-1601	Chatillon/Part 2	William Lindeyer D.F. Crawforth-Hitchins
1602-1608	Introduction To Coin Weights	A. George Mallis
1609-1613	Medieval Bronze Beam/Part 2	D F. Crawforth-Hitchins
1614-1622	German CCD's/Ph. J. Maul	Johannes Lindner
1623	Review: <i>Inventaire des Poids/ Collection des Poids and Measures</i> , by Fusee National des Techniques	D.F. Crawforth-Hitchins
1624-1625	Weighing the 7s. Coin	Serge Camilleri
1625-1626	Hamlet Bell--Folder Maker	D.F. Crawforth-Hitchins

<b>Page</b>	<b>Title or Subject Matter</b>	<b>Author</b>
1627-1634	Ph. J. Maul/Scalemaker (Part 1)	D.F. Crawforth-Hitchins
1635-1636	There Are Deadweights at the Bottom of My Garden	John Knights
1638-1642	Roberval, the Movie	John Knights
1644-1648	Indication of Instability/ British Counter Machines	John Knights
1649-1661	Ph. J. Maul/Scalemaker (Part 2)	D F. Crawforth-Hitchins
1661-1662	Review: <i>English Weights/An Illustrated Survey</i> , by Norman Biggs	D.F. Crawforth-Hitchins
1662-1663	Review: <i>Earth to Heaven/The Royal Animal-Shaped Weights of the Burmese Empires</i> , by Donald and Joan Gear	D.F. Crawforth-Hitchins
1663-1664	Joseph Beranger/French Scalemaker, compiled by...	D.F. Crawforth-Hitchins
1667-1687	Silver Showcase, compiled by...	D.F. Crawforth-Hitchins
1693-1705	Paper Scales	D.F. Crawforth-Hitchins
1705-1707	Review: <i>Coin-freed Weighing Machines from 1884-1940</i> , by Claudia Kinmonth	D.F. Crawforth-Hitchins
1708-1712	Coin-Operated Weighing Machines	---
1714-1720	Review: <i>Science Preserved/A Directory of UK and Eire Collections of Scientific Instruments</i> , by Mary Holbrook	D.F. Crawforth-Hitchins
1723-1748	Herbert's/A Chronology of Trade Scalemakers	D.F. Crawforth-Hitchins
1753-1754	Review: <i>Irish National Inventory of Historic Scientific Instruments: Interim Report 1990</i> , by Charles Mollan	D.F. Crawforth-Hitchins
1755-1769	Irish Scalemakers/Retailers (Part 1)	D.F. Crawforth-Hitchins
1770-1773	Review: <i>Irish Coin Weights/An Extract from "British Coin Weights,"</i> by Paul & Bente Withers	D.F. Crawforth-Hitchins
1774-1776	Italian Butcher's Scale	D.F. Crawforth-Hitchins
1778-1786	English Colonial Scales/And a Biographical Note (part 1)	D.F. Crawforth-Hitchins

<b>Page</b>	<b>Title or Subject Matter</b>	<b>Author</b>
1786-1788	Review: <i>R.B. Bate 1782-1847/ the Life &amp; Times of a Scientific Instrument Maker</i> , by Anita McConnell	D.F. Crawforth-Hitchins
1788-1792	Review: <i>Weights and Measures; Scales and Balances;</i> by John T. Graham, revised by Maurice Stevenson (see also pp. 1816-1817)	D.F. Crawforth-Hitchins
1793-1796	Review (and Article): <i>British Coin Weights Made in England, Scotland and Ireland</i> , by Paul and Bente Withers	Norman Biggs
1798-1804	Irish Scalemakers/Retailers (Part 2)	D.F. Crawforth-Hitchins
1807-1815	Fairbanks' Union Scale, from T. Stein	D.F. Crawforth-Hitchins
1818-1819	English Colonial Scales (Part 2)	Guido Zavattani Gerard Houben
1819	Roman Steelyard?/Roman Steelyard, Reply A.V. Simcock; (see also pp. 1853-1854)	Ritzo Holtman
1820-1822	Review: <i>Handlist of Scientific Instrument-Makers' Trade Catalogues, 1600-1914</i> , By R.G.W. Anderson, John Burnett and Brian Gee	D.F. Crawforth-Hitchins
1823-1832	Irish Scalemakers/Retailers (Part 3)	D.F. Crawforth-Hitchins
1835-1840	Comment of English W&M Inspectors/The Union Scale: R. P. Holdaway, J. Cheeseman, J. Knights, with comments by ...	D.F. Crawforth-Hitchins
1841-1848	Irish Scalemakers/Retailers (Part 4)	D.F. Crawforth-Hitchins
1849-1853	Review: <i>Public and Private Science: The King George III Collection</i> , by Alan Q. Morton and Jane A. Wess	D.F. Crawforth Hitchins
1855-1858	Colonial American Weights & Measures	Gene Mahoney
1859-1860	Fairfax County Weights & Measures, 1744	Nan Netherton
1863-1876	Mancurs, from T. Stein	D. Crawforth-Hitchins and collaborators
1877	More on Union Scales	Geoff Newell
1878-1879	Response to Irish Steelyard	Eric Newman
1879-1881	English Colonial Scales (Part 3)	Gerard Houben and A. George Mallis

<b>Pages</b>	<b>Title or Subject Matter</b>	<b>Author</b>
1882-1888	Siebe and Marriott/Elliptical Spring Balances	D. Crawforth-Hitchins
1889-1890	Cover Picture: Union Family Scale	---
1891-1896	Local Verification Marks/Old Weights (Part 1)	Norman Biggs
1897-1901	More 'Irish' Steelyards	Ritzo Holtman
1902-1910	More Flexure Springs (Part 1)	D. Crawforth-Hitchins
1911-1916	James & Thomas Braby/English Scalemakers	D. Crawforth-Hitchins
1917	Cover Picture: Koch Parcel and Letter Scale	D. Schmitz
1919-1923	Koch Parcel and Letter Scale	D. Schmitz
1924-1930	Local Verification Marks/Old Weights (Part 2) (see also pp. 1971-1972, Response)	Norman Biggs A. Rangeley
1931-1934	More Flexure Springs (Part 2)	D. Crawforth-Hitchins
1935-1936	Review: <i>Lions, Ships and Angels; Identifying Coin-Weights Found in Britain,</i> by Paul & Bente Withers	D. Crawforth-Hitchins
1936	Bullion Weights, USA; by Henry Troemer	---
1937-1939	Review: <i>Bullion Weights, An Outline Catalog;</i> by Norman Biggs	D. Crawforth-Hitchins
1939-1940	Bullion Scales, USA; by Henry Troemner	---
1941-1944	Notes & Queries	S. Camilleri A. Rangely
1947-1955	Aaron David Bernstein's Apparatus for Sorting Coins	Johannes Lindner
1955-1961	Local Verification Marks/Old Weights (Part 3)	Norman Biggs
1962-1963	William Cotton's Sorting Machine. From the Illustrated London News, March 22, 1845	---
1964-1966	More Flexure Springs (Part 3)	D. Crawforth-Hitchins
1967-1968	Review: <i>Directory of British Scientific Instru- ment Makers, 1550-1851,</i> by Gloria Clifton	D. Crawforth-Hitchins
1969-1971	Response to question on page 1936 & article on page 1929	Gary Batz A. Rangeley
1972	Notes & Queries Nos, 128-129	A. Crawforth



<b>Pages</b>	<b>Title or Subject Matter</b>	<b>Author</b>
1973-1976	How I Started	Betty Wright
1977-1983	Local Verification Marks/Old Weights (Part 4)	Norman Biggs
1983	Review: <i>The Measurers/Lecture Series and Exhibit on Measuring Instruments</i> , by the Museum of the History of Science	D. Crawforth-Hitchins
1984-1986	More Flexure Springs (Part 4)	D. Crawforth-Hitchins
1987-1998	Weighing in the Early 14th Century (Part 1) (see also 2067; 2107-2110)	A. D. C. Simpson R. D. Connor
2000	Pelouze Straight Spring Balance	Ted Stein
2001-2002	Cover Picture: Folding Equal-Arm Coin Scales/Wm. Arstall, Retailer	D. Crawforth-Hitchins
2003-2014	George Arstall/Scale Beam Maker	A. Morrison-Low
2015-2024	Weighing in the Early 14th Century (Part 2)	A. D. C. Simpson and R. D. Connor
2024-2027	Review: <i>Akan Weights and the Gold Trade</i> , by Timothy F. Garrard	Sheila Holroyd
2027-2028	Review: <i>Guide/Museum of Balances, Campogalliano, Italy; the History of a Major Scale-Making Co.</i>	Phil and Sheila Holroyd
2031-2037	Local Verification Marks/Old Weights (Part 5)	Norman Biggs
2038-2049	Dr. C.H. Fitch, Ingenious Inventor	William Doniger
2050-2053	Reflections on Dr. Fitch	Ruth Willard
2059-2066	Unpatented American CCD's	A. George Mallis
2068-2072	Coins Weighed by the Drop	Allen Simpson
2073-2075	Domestic!/An Inspector's Term	John Knights
2076-2082	Grandfather's Standards/The Works of an Assizer (Frederick Stanley Read)	B. Read
2083-2084	Basic Library for Americans (Part 1)	Ruth Willard
2087-2090	Bussey Questions/Scalemaker? Patentee? (see also 2130)	P. Moon
2091-2096	Basic Library for Americans (Part 2)	Ruth Willard
2097-2100	The Mysterious Hoadley Scale	George Anna Wehman

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
2101-2102	U.S. Candy Scales	---
2103-2104	Review: <i>The Weights and Measures Act, 1878 to 1904</i> , by J. Devonald Fletcher	Sheila Holroyd
2104-2105	Review: <i>Special Aspects of Coin-Weights</i> , by Gerard Houben	A. George Mallis and D. Crawford-Hitchins
2105-2106	Review: <i>Marks and Marking of Weights and Measures of the British Isles</i> , by Carl Ricketts with John Douglas	Norman Biggs
2112	Review: <i>Apothecaries Weights - An Outline Catalog</i> , by Norman Biggs	D. Crawford-Hitchins
2113-2121	G.H. Makins and the Assay Balance (Part 1)	Barry Oliver
2121-2122	Found in USA - a British Rarity	Jerome Katz
2122-2126	Contemporary Comment, 1840/On Postal Scales. <i>Mechanic's Magazine</i> , Vol. 33.	Anonymous
2127-2128	Review: <i>Measures and Men</i> , by Witold Kula	Vernon Denford
2129	Herbert's (Part 3)	Ron Wilkinson
2131-2140	Angldile Computing Scales (Part 1); J&W Berning, L. Nosal, T. Stein, GA&P Wehman, J. Wiley, R. Willard	Co-Authors
2143-2151	The Science of Weighing Yesterday (Part 1) (See also 2182)	William Scheurer
2152-2155	G.H. Makins and the Assay Balance (Part 2)	Barry Oliver
2156	Reviews: Standard Reference Material: <i>Dictionary of Weighing Terms</i> ; Terms and Definitions (for The Weighing Industry); <i>Glossary of Terms Used in the Scale Trade</i> ; <i>Rules and Regulations Relating to Weights and Measures</i>	Phil Holroyd
2157-2160	ASCO LIMITED/Automatic Scale Co.	Emil Cohn and Albert Rangeley
2160-2163	Shaw's Scales and Weights	Lewis Weiss
2164-2165	Julian H. Becker/Quadrant Balance (see also 2183-2184)	William Doniger
2166-2167	More Oil-Damping	Tony Morris and D. Crawford-Hitchins
2171-2172	Edina Régnier/Scale Inventor?	Aimé Pommier & Tony Simsock

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
2173-2182	The Science of Weighing Yesterday (Part 2)	William Scheurer
2185-2188	More on Dr. Fitch/Dates, Reflections	Jerome Katz Lucio Marson
2188-2190	Ohaus: Dr. Fitch's Descendant?	Jack Young
2190-2191	Magnetic Damping/Ohaus	Leslie Hitchins
2195-2196	Review: <i>Ingenious and Enterprising Mechanics: A Case Study of Industrialization in Rural Vermont, 1815-1900.</i> By Allen Yale, Jr. Includes Extensive History of the E. & T. Fairbanks Co.	Lewis Weiss
2197-2198	Anonymous Box Scale	---
2199-2208	Remarkable Moneyweight Scale	Benjamin F. Smith
2208-2209	Notes and Queries 133-- Weights from Price-Computing Scale by Unknown British Maker	John Carter
2209-2210	Contemporary Comment 1913 --- Royal Computing Spring Weighing Instrument	Board of Trade Notice
2211-2216	The Science of Weighing Yesterday Part 3	W. A. Scheurer
2217-2219	Review: <i>La Masa e la sua Misura</i> (Mass and Its Measurement), pub. 1995	R. D. Connor
2220-2222	Lincs with America (American Spring Scales)	John Knights
2222-2223	Buying Ice	Jerome R. Katz
2223	Contemporary Comment, 1916 (Weighing Ice)	The Scale Journal
2223	Advice to W & M Inspectors, 1910	Gurley's Handbook for Sealers
2224	Notes and Queries 134, 135: Coin or Bullion Weights?; DeGrave & Son folding coin balance	Stan Pomper D. Schoen
2225-2226	Notes and Queries 136: Samuel Neale diamond scale	J. Collins
2227-2230	My Mysterious Scale (Anderson Tool Co.)	Joe Wiley

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
2231	Response on Regnier	Yves Noel
2232-2238	Inventing the Moneyweight Scale (Julius E. Pitrat patents)	Benjamin F. Smith, compiler
2238	Remembering the Worst (set of scales)	Charles Sait
2239	Review: <i>Die Waage des Chemikers, The Chemist's Balance</i> , by Hans Jenemann	Peta Buchanan
2239	Paul Bunge Prize (Bud/Warner)	---
2240-2242	Alexandra Person & Package Scale (A. von der Nahmer top-pan household spring balance)	Max Danell R. Hill
2243	Review: <i>Antique Weights, The Nineteenth Century</i> , by N. Biggs	D. Crawforth-Hitchins
2243-2249	Any Advance on Six? (Kater/Bate wooden beams)	Peta Buchanan
2249	Contemporary Comment, 1830/ The Cabinet Cyclopaedia or The Elements of Mechanics, by H. Kater and D. Lardner	---
2250-2251	Contemporary Comment, 1825/ Landale & Tod on behalf of Bate	Jerome Katz
2251-2252	Editor's Comment (on Bate)	D. Crawforth-Hitchins
2253-2256	Notes and Queries 137 (English coin scale, damaged label)	H. Slaets
2256-2258	Notes and Queries 138 (Fairbanks postal scale w/revolving beam - discussion of metric and American standards)	Harley Crawford
2258-2259	Response on Anderson Scale (see also pp. 2227-2230)	Nahan Gluck
2260-2265	Oertling Verified Unequally?	Peta Buchanan
2265-2267	Inspector's Outdoor Beam Kit, 1910	Peta Buchanan
2267-2268	Review: <i>Instruments of Science: An Historical Encyclopedia</i> , by Garland Encyclopedias in the History of Science, v.2, by Bud/Warner	Phil Holroyd

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
2268	Book (Review): <i>Errors in Practical Measurement in Science, Engineering, and Technology</i> , by B. Austin Barry	D. Crawforth-Hitchins
2269-2271	A Mystery Solved (Thompson counterfeit coin detectors/letter-weighing added)	Betty Wright
2271	Comment on Pitrat (relating to clocks) (see also p. 2232)	S. Chapman
2272-2279	Alex Bernstein's Patent Coin Tester, Part 1	Johannes Lindner
2279-2280	Response to Bate (quart measure with conical object)(see also pp. 2250-2252)	J. Douglas
2281-2282	Cover Picture: Showcase (Sampson & Mordan letter scale)	Dick Axelrod
2283-2286	Thaddeus Fairbanks' Invention, 1830 Part 1	Allen Yale
2287-2292	Alex Bernstein's Patent Coin Tester Part 2	Johannes Lindner
2293-2294	New York City Scalemakers 1836-1877 Part 1 (Gerald & Farr, etc.)	Steven Beare
2294	General Post Office Weights, 1883	---
2295-2299	Jiffy-Way Egg Scale	Robert Jibben
2299	Contemporary Comment, 1929 (Every housewife needs a scale)	---
2300-2306	Earliest Computing Scale?	Andrew J. Crawforth
2307-2308	Contemporary Comment, 1883 (scales after start of Parcel Post)	Brian Stimpson
2309-2310	Cover Picture: scale bought in Kerala, India	Gerald Wilson
2311-2319	Scale Hunting in Sri Lanka	Gerald Wilson
2320-2322	Czechs and Balances	John Knights
2323-2325	Indian Weights	Lou A. uit den Boogaard
2326-2329	Thaddeus Fairbanks' Invention, 1830 Part 2	Allen Yale

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
2329-2330	Contemporary Document (see above article)	Allen Yale
2331	Response on W & M Kit (Inspectors' Outdoor Beam Kit, 1910) (see also p. 2266)	Albert Rangeley
2332	Sovereign Rocker Makers (updating M. Crawforth book)	---
2333	Review: <i>Coin-weightmakers for Coins from 24 Countries</i> , by G. M. M. Houben	Ron Wilkinson
2333	Response on G. P. O. Weights (see also p. 2294)	Robert O. Foster
2333	Response to Bate (fees for verifying set of Avoirdupois weights and measures)(see also p. 2252)	F. Peacock
2334-2336	Notes and Queries 140 (regarding scale purchased in U. K.)	Paul Bessey
2336	Contemporary Comment, 1783 (Rex v. St. Nicholas, Gloucester, May 17, 1783.)	Andrew J. Crawforth
2337-2339	Cover Picture: Indoor Beams (used by British inspectors)	---
2340-2343	The Evocative Scale Queen (paper weight/letter scales)	George Anna Wehman
2344-2349	Thaddeus Fairbanks Invention, 1830 Part 3	Allen Yale
2350-2351	Contemporary Comment (from Jones of Binghamton catalog, c. 1882 re Fairbanks)	sent by Vernon Denford
2351	Notes and Queries 141 (Italian Apothecary Weights; see also p. 2387)	V. Jones
2352-2353	A Scale Collector in Italy (church fresco)	Brian Brass
2354	Review: <i>De oudste Muntgewichten uit de Nederlanden 1300-1600</i> , by G. M. M. Houben	D. Crawforth-Hitchins

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
2354	DeGrave, Short & Fanner? (folding gold balance)	Andrew J. Crawforth
2355	Review: <i>London Apprentices, volume 21, Founders' Company 1643-1800 and London Apprentices, volume 22, Armourers' and Braziers' Company 1640-1800</i> , by C. Webb	D. Crawforth-Hitchins
2355	Response, Town Weighbridge (platform steelyard)(see also p. 2386)	Albert Rangeley
2356	Turin Coin-scale, 1821	---
2357-2361	Milanese Coin Scale-Boxes in 19th C	Guido Zavattoni
2361	Italian Trade Weights	---
2362-2364	Review: <i>La Bona Opinione</i> , by D. Dameri, A. Lodovisi & B. Luppi	Lucio Marson
2365-2367	Cover Picture: Stephenson, Howard & Davis postal scale	Betty Wright
2367-2375	Howard & Davis	Betty R. Wright
2376	Old Advert (Dearborn's Patent Balance)	Jerome Katz
2377-2380	Finding a Latvian Steelyard	Lucio & P. Marson
2380	Trade Card (Timothy Roberts)	---
2381-2387	More Saddled Steelyards	D. Crawforth-Hitchins
2387	Notes & Queries 141 Reply to query p. 2351, re Denari weights	Guido Zavattoni
2388-2390	William Ball of Bister	A. V. Simcock
2390-2391	Showcase (doubloons, steelyards, weights)	---
2392	Review: <i>Coin Operated Scales, Catalog #18</i> , by B. & J. Berning	D. Crawforth-Hitchins
2392	Review: <i>Scales, A Collector's Guide</i> by B. & J. Berning	Phil Holroyd
2393-2394	Cover Picture: DeGrave, Short & Co. diamond scale	---

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
2395-2400	Collecting European Coin-Scales	Ch. J. Valent
2400	Notes and Queries 142 Knipwaage	Andrew J. Crawforth
2401-2402	More on Weighing Silver Coins	---
2402	Contemporary Comment, 1720 (by Isaac Newton to the Treasury) Problems of Money Changers	---
2403-2404	Salt Steelyard	Emil Cohn
2404	Postal Rates in the Confederacy	Jerome R. Katz
2405-2406	DeGrave Short & Fanner Exported	Serge Camilleri
2406	Weighing in India, 1865 (from XIV Standards Commission paper, 1869)	---
2407-2408	Australian Pendulum Postal	Vernon Denford
2409-2411	Notes & Queries 142 Fairbanks Infallible Coin Scale	Harley B. Crawford
2411-2412	Review: <i>U.S. Coin Scales and Mechanical Counterfeit Coin Detectors</i> , by Eric P. Newman and A. George Mallis	Norman Biggs
2412-2414	Notes & Queries 143 Comstock's Counter Steelyard	William Berning
2414-2415	Weighing in India, 1733, contributed by	Emil Cohn
2415-2419	Canal Weigh-house at Midford	R. Halse
2420	D. L. Vaid, Indian Scale-maker	Gerald Wilson
2421-2422	Cover Picture: Fairbanks, Howe person scales	---
2423-2433	Pennywise, Not Pound Foolish	Ruth H. Willard D. Crawforth-Hitchins
2433-2435	Everitt's Patents, 1884 & 1889	W. Airy
2436	Review: <i>Big Head Lollipop Scales</i> , by R. M. Bueschel	Jeffrey Storck
2437	Folders How Wide? (folding coin balance)	Noel & Janet Scarratt
2438-2441	Vive la Difference (between UK and Continental equipment)	John Knights



<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
2442	Notes & Queries 144 (oval-japanned box, beam signed Pratt)	A. Attwood
2443-2444	Excelente Coin-weight	Norman Biggs Paul Withers
2444	Showcase (personal weighing machine)	---
2445	For Silver or Gold Dollars?	Jerome Katz
2446	Review: <i>Clip a Bright Guinea</i> , by John Marsh	Sheila Holroyd
2447	Response to Ruttees (see also p. 2893)	Lionel Holland
2447	Notes & Queries 142 (knipwaages) (see also p. 2400)	H. Green
2448	Response to Inspectors' Kit (see also p. 2267)	J. Garcia
2449-2450	Cover Picture: Modern Postal Scales	D. Crawforth-Hitchins
2451-2456	European Coin-ops Part 1	D. Crawforth-Hitchins
2456	Obituary, A. George Mallis (1915-1999)	Eric P. Newman
2456	PO Wt Testing, 1856 (Report to US Treasury Dept, 1848)	---
2457-2463	Pennywise, Not Pound Foolish	Ruth H. Willard D. Crawforth-Hitchins
2463	Proportional Person weights, c. 1880	---
2464-2468	Sharp Practice (Thomas Sharp)	R. Bearman
2468-2471	The Grocer	Geoff Newall
2471	French Grocer, c. 1880 (photo)	---
2471	Trade Card, c. 1765	---
2472-2476	Old Tenor-New Tenor--Again (long-standing error corrected)	Eugene P. Mahoney
2476	Pennyweights and Grains	---
2476	Person Scales into Bay, photo from	Gerald "Red" Meade
2477-2478	Cover Picture: plastic letter scale	---

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
2479-2488	Béranger (early Roberval counter scale)	Michel Heitzler
2488	Contemporary Comment, 1922 (Béranger bent leg f)	---
2489-2492	Early Recording Milk Scale	Utz Schmidt
2493-2496	European Coin-ops Part 2 (1902 on)	D. Crawforth-Hitchins
2497-2498	Review: <i>The Assay Balance, Its Evolution and the Histories of the Companies That Made Them</i> , by J. & G. Shannon	Steven Beare
2499-2504	Rolamite Postal Scale	Clifford Lushbough
2504	Repairing Saddled Steelyards	Geoff Newall
2504	Saddled Steelyards, 1922	George A. Owen
2505-2506	Cover Picture: "Elvar" from Argentina	Vernon Denford
2507-2510	Weights of the Bible	Lionel Holland
2511-2512	A Most Unusual Scale (Weaver pendulum postal scale)	Ted Stein
2512-2513	H M Weaver Scale	Nahan Gluck
2514	Candlestick Postal Scale	Jerome R. Katz
2515	Reaction to Comment, 1922 (see also p. 2488) Leg and Stay Mechanism	Geoff Newall
2516-2517	Review: <i>Les Collections Monétaires, Poids Monétaires, 1 - Poids pour Monnaies de France</i> , by Aime Pommier	D. Crawforth-Hitchins
2518-2519	French Coin Scale for Foreign Use?	---
2519	Lyon Coin-Scale Makers 1673-1730	---
2520-2524	Slow Discovery (Nuremberg nesting weights)	Gerald Wilson
2525-2529	Why Weigh Solder?	Jan Berning
2529	More Nesting Weights	---
2530	Notes and Queries 143: Chrome plating on weights; explanation of assay ton weights	Charles Simpson

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
2531	Survival of the 8-lb Stone (see also p. 2504)	R. D. Connor
2531	More Nesting weights	---
2532	Another German Coin-op	Ritzo Holtman
2532	More Nesting Weights	---
2533-2534	Cover Picture: British postal scale by "the Ball and Rod Maker"	---
2535-2541	Presidential Coin Scales	Gary Batz
2542-2547	Mesmerised by Sartorius (balance sold by Christie's, 2001)	Thomas Allgeier Peta Buchanan D. Crawford-Hitchins Barry J. Oliver
2548	Response from A Pommier (re several subjects)	Aime Pommier
2549	More Solder Weighing	Albert Rangeley
2550	Notes & Queries 143 (Response on Chromium-plated Weights)	Albert Rangeley
2550	Golden Scales, C. 1090 B. C. (see also 2007-2510)	Geoff Newall
2551-2553	John P Gruber & Competitors	Eugene Mahoney
2553-2555	Review: <i>Poids Monetaires II, Poids pour Monnaies non francaises</i> , by Aime Pommier	D. Crawford-Hitchins
2556-2559	Birds of a Feather (scales using Gilfillan bow-front spring balance)	Jerome R. Katz
2559-2560	Showcase	---
2561-2562	Cover Picture & Review: Units of Measurement, An Encyclopaedic Dictionary, Stephen Dresner (EQM cover photo is from book cover)	---
2563-2570	Folders for Foreign Coins (English folding gold balances for weighing foreign coins)	Serge Camilleri
2571-2579	Beginner's Guide: Intro, Part I - Equal Arm Beams	D. Crawford-Hitchins

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
2579-2581	Review: <i>Byzantine Weights, an Introduction</i> , Simon Bendall	D. Crawforth-Hitchins
2582-2584	Mystery Scale (beams stamped Fairbanks)	George Anna Wehman
2585-2586	H. M. Weaver Improved	from the Patent
2586-2587	A Lion in Venice (nesting cup weights)	Gerald Wilson
2588	Contemporary Comment, 363 A.D., from "Byzantine Weights" (see also pp. 2579, 2581)	S. Bendall
2588	Notes & Queries 145 (jockey scale?)	Brian Brass
2589-2590	Cover Picture: top-pan, equal-arm scale with painted miniatures, R. Axelrood collection	---
2591-2592	Sartorius Again (see also pp. 2542-2547)	Lionel Holland
2592-2593	Why Vacuum Weighing? (see above)	Thomas Allgeier
2593-2597	Arresting the Vacua (see also pp. 2591-2592)	Barry Oliver
2598	Circular Radial Arrestment 1888-1965	Ritzo Holtman
2599-2607	Beginner's Guide: Part 2 - Top Pans	D. Crawforth-Hitchins
2607-2610	Carters Standard	Jan Berning
2610-2615	Developing Torsion Balances	D. Crawforth-Hitchins Ross Leadbetter
2615-2616	Napoleon Du Brul's Patents	---
2617-2618	ISASC's 25th Anniversary (Cover Picture: See Tiffany Letter Scales, p. 2630)	Ruth H. Willard
2619-2622	Diamond Scales, Part 1	Charles Sait
2622	Italian Diamond Scale (Damiani)	Science Museum London
2623-2627	Blowpipe-Set Balances	John M. Shannon Geraldine C. Shannon Ulrich Burchard
2628	Small World, Wasn't It? (Troemner-Meyer Connection)	Jerome R. Katz

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
2628	Notes & Queries 146 (Bendall's book; Byzantine coins)	Lionel Holland
2629-2634	Tiffany	Bob Stein
2635-2636	Review: <i>Lead Weights, the David Rogers Collection</i> , Norman Biggs & Paul Withers	Andrew J. Crawforth
2636-2637	Review: <i>A Compilation of Canadian Manufacturers and Distributors of Scales and Weighing Machines</i> , R. S. Traquair	D. Crawforth-Hitchins
2637	Canadian Scale (Brantford Scale Co., Ltd.)	---
2637-2639	X Marks the Patent. Reconstruction and availability of the early U.S. scale patents destroyed by fire in 1836	Ruth H. Willard
2639-2643	First US Scale Patentee (B. Dearborn)	D. Crawforth-Hitchins
2643-2644	Showcase. Ornamental letter and counter scales; poises for testing the accuracy of egg-sorting machines; photos from various collections, various photo- graphers.	---
2645-2646	Cover Picture: Equal-arm scale, half hanging pan and half roberval combined, N. Scarratt Collection	---
2647-2649	Shaler's Spring Balance	Jan Berning
2650-2654	Diamond Scales Part 2	Charles Sait
2655-2662	Beginners' Guide: Part 3 - Equal-Arm Scales	D. Crawforth-Hitchins
2663-2671	US Patents 1837-1865	Ruth H. Willard D. Crawforth-Hitchins
2672	Response on Robervals	From G. Newall
2673-2674	Cover Picture: Steelyard computer scale Photo K. Beyreis, B. Wright Collection	---
2675-2678	Cart Steelyards of East Anglia	J. Carter
2678	Contemporary Comment, 1818	---
2679-2682	My Bankers' Scale, A rarity by H Sutcliffe & Co.	Stuart Malter

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
2683-2690	Beginners' Guide: Part 4 - Steelyards	D. Crawforth-Hitchins
2691-2695	Diamond Balances Part 3	Charles Sait
2696-2700	US Patents 1866 - 1870	Ruth H. Willard D. Crawforth-Hitchins
2701-2702	Cover Picture: Pocket letter weight bismars	---
2703-2709	Joel F. Keeler, Epitome of US Industry	C. Peterson D. Gardiner D. Crawforth-Hitchins
2710	Fakes & Reproductions	---
2711-2718	Beginners' Guide: Part 5 - Unequal arms	D. Crawforth-Hitchins
2719-2721	Review: <i>Pondera - pesi e misure nell'antichitá</i> , by Aimé Pommier	Guido Zavattoni
2721-2726	Response to Review	Gary Batz
2726-2728	US Patents, 1871 - 1873	Ruth H. Willard D. Crawforth-Hitchins
2729-2730	Cover Picture: Specific Gravity Balance	---
2731-2735	Hydrostatic Weighing	P. Buchanan
2736-2738	Reynold's Patent Model	Terry Wesner
2739-2746	Beginners' Guide: Part 6 - Hydrostatic & Magnetic Scales	D. Crawforth-Hitchins
2747-2756	US Patents, 1873-1877	Ruth H. Willard D. Crawforth-Hitchins
2756	Howe Revisited	Jerome R. Katz
2757-2758	Cover Picture: Elliston's Self-Adjusting Pendulum Balance Courtesy G & A Renton	---
2759-2765	Unknown CCD	Eric P. Newman
2766	Weights Made of Silver	Guido Zavattoni
2767-2774	Beginners' Guide: Part 7 - Pendulum Scales	D. Crawforth-Hitchins
2775-2777	Ohaus Numiscales	William Doniger
2777	P Poncia Rocker	G. Chellingworth

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
2778	Instructions to Make Coin Weights	---
2779-2784	US Patents, 1877-1879	Ruth H. Willard D. Crawford-Hitchins
2785-2786	Cover Picture: Iranian Coin Scale	---
2787	Contents	---
2787	Equilibrium's 25th Anniversary	Ruth H. Willard
2788-2791	Rare Oertling Bullion Balance	B. J. Oliver
2792-2794	A Prize Assay Balance	Gerry Wilson
2795-2798	How Afghanistan Forged A Scale Collector	William S. James
2799-2803	No Stone Unturned	John Knights
2804-2807	The Way We Were-The Way It Is	Lucy M. Maistros
2808-2811	US Patents, 1881-1882	Ruth H. Willard Jan H. Berning
2812	The Life of a Patentee	Marshall R. Elizer
2813-2814	Cover Picture: Canadian Postal Scales P. Laycock Collection	---
2815	Table of Contents	---
2815	Showcase. Burmese Animal Weights	---
2816-2817	The Canadian Equal Arm Letter Scale	Peter Laycock
2818	A Somewhat Amazing Revelation	Jerome R. Katz
2819-2820	The Role of the Patent Model Museum	Terry Wesner
2821-2822	Model of Daniels' Patent 199,356 Platform Scale	Jim Davie D. Crawford-Hitchins
2822	Model of Usher's Compensating Poise for Scale Beam	William Doniger D. Crawford-Hitchins William Berning
2823-2824	Oh Rube Goldberg, Where Are You Now?	Jerome Katz
2824	Animal Shaped weights of the Burmese Empires	---

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
2825-2832	Beginner Guide: Part 8 - Spring Balances	D. Crawforth-Hitchins
2833-2834	My Magic Scale	Robert Foster
2835-2837	Notes & Queries 147 (What Kind of Poise? Anatolian Weights)	Loren Barnet Norman Cima
2838-2839	Review: <i>Anatolian Weights and Measures</i> , G Kürkman	Norman Cima
2840-2844	US Patents, 1882-1885	Ruth H. Willard Jan H. Berning
2844	Celebrity Inventors	---
2845-2846	Cover Picture: Arc Scales	---
2846	Contents	---
2847-2853	Grain Testing Scales	Michael A. Crawforth
2854-2856	What's My Line - Scale Collecting Adjuncts	Jerome R. Katz
2857-2860	Accelerating Postals	Michael S. Robinson
2861-2865	Arc Scale Co., Etc.	Jan H. Berning
2866-2867	Johann Langenberg Coin Scale	Carl Mönnig
2868-2872	US Patents, 1886 - 1888	Ruth H. Willard Jan H. Berning
2872	Showcase. Egg, postal, and bullion scales from various collections.	---
2873-2874	Cover Picture: Coin scale from Zavattoni book	---
2875-2876	Keesing Postal Scales	Rein Kok
2877-2881	Pelouze Bow-front Postal Scales	Peter Laycock
2882-2883	Inspecting and Collecting	John Knights
2883	Assessing U.S. Patents	Jan H. Berning
2884-2891	The Variety Works Scale, an American Puzzle	Steve Beare
2891-2894	Review. <i>Bilance e Strumenti per Pesare le Monete</i>	Diana Crawforth-Hitchins
2895-2899	American Grain Testing Scales	Bob Jibben
2899	Showcase: English CCD	---



<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
2900	US Patents, 1889	Jan H. Berning
2901-2902	Cover Picture: English Bankers Scale	---
2902	Contents	---
2903-2913	Ancient Peruvian Standards & Scales	Dr. Shiego Iwata
2914-2918	Gibson Parcel Post Scale	Bill Berning
2919-2922	Bartlett Pairs	Michael Robinson John Knights
2922	Showcase: Scoop Scales	---
2923-2924	Here's the Straight Scoop?	Jerome R. Katz
2925-2927	Kirkoswald Weight of 1662	Andrew Crawforth
2928	US Patents, 1890	Jan H. Berning
2929-2930	Cover Picture: Samuel Turner Senior Parcel scale.	---
2930-2933	Goat Milk Balance & Some Fishy Work	Jenny Hutchinson
2934	To What End?	Jerry Wilson
2935	Corrections & Clarification	John Lound
2936-2940	Samuel Turner Senior Parcel Scale	Peter Laycock
2940-2941	Bartlett Pairs Postscript	Albert Rangeley
2942-2944	Herbert Griesshaber's 1648 Cologne Langenbergh Scale and Box	Gary Batz
2945-2948	Langley De-Liar	Howard Murrill
2949-2950	Topweight, Face, and Power	John Knights
2951	Showcase. Eclipse egg grader	---
2952-2955	Hanson Scale Company, Part 1	Stan Hanssen
2956	Review: <i>Honest Weight: The Story of Toledo Scale</i>	Bill Berning
2956	Marion & Co. Parcel Scale	---
2957-2958	Cover Picture: S Mordan Postal Scale	---
2959-2963	Fenland Weighing	John Knights

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
2963	Potato Scales	Diana Crawforth-Hitchins
2964-2966	W & L E Gurley Troy, NY	Kurt Beyreis
2967-2971	Defiance Machine Works-Proportional Balance	Cliff Lushbough
2972-2977	Hanson Scale Company, Part 2	Stan Hanssen
2978	Review: <i>London Livery Co. Apprentice Registers, Vol. 41, Blacksmiths Co. 1605-1800</i>	Diana Crawforth-Hitchins
2978-2984	Gaston's Scale Works	Jan Berning
2985-2986	Cover Picture: Mordan Equal-arm Postal Scale	---
2987-2989	Found, the Missing Mordan	John Barnett
2990-2993	Howell and James	Andrew Crawforth
2993	Showcase Mordan roberval with wedgewood plates	---
2994	Query # 148	from Nicola Williams
2995-2997	Seville Scale & the Circulation of Coin Weights	Guido Zavattoni
2998-3006	Waterlow & Sons	David W H Thomas
3007-3012	Hanson Scale Company, Part 3	Stan Hanssen
3012	Showcase: National Scale Co. counting scale	---
3013-3014	Cover Picture: W Packer Seed Scale	---
3015-3016	Depressed Tourist Turns Expert	Charles Sait
3016-3019	Bartholomew Lane, London	Diana Crawforth-Hitchins
3019	Showcase Farnum Assay and Mordan Postal	---
3020	Webster Scale	The American Rifleman
3021	Howell & James Revisited	Ken Govier
3022-3023	Response on Mordan	Michael Robinson
3023-3030	Postal Scales for Collectors	Tony Shaman

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
3030	Notes & Queries # 149 Candlestick & Perry Postals	James Reeve Diana Crawforth-Hitchins
3031-3033	From Bevin Boy to Scale Collector	Robin Robson
3034	In Search of Michigan Scale Makers	Greg Moss Utz Schmidt
3035	To Clean or Not to Clean?	Ken Govier
3036	Brass Beam Scales-To clean or not to clean!	John Lound
3037-3039	Important Dearborn/Plympton Balance	Jerry Katz Larry Pugsley
3040	Hungarian Rocker?	Diana Crawforth-Hitchins
3041-3042	Cover Picture: Mordan Partners' Scale	---
3043-3045	Review: <i>Weights &amp; Measures in Scotland: A European Perspective</i>	Norman Biggs
3045	Notes & Queries 150 (Handy Postal Scale)	Utz Schmidt
3046-3055	More Mordan Weights	Andrew Crawforth
3056-3059	Orlando W. Bedell & the Zenith Egg Grading Scale, Part 1	Charley Amsbaugh
3060-3068	The Fairbanks Brothers & their Scale Works	Brooke Paige
3069-3070	Cover Picture: Mordan Postal Steelyard	---
3071-3073	Fairbanks 175 <sup>th</sup> Anniversary Celebration	Steve Beare
3074-3076	Fairbanks Scale Time Capsule	Dave Farnum Steve Beare
3076	Letters to the Editor	Diana Crawforth-Hitchins
3077-3080	Supplementary Notes on Paper Scales	Daven Chamberlain
3080	More Mordan Weights 1	Michael Robinson
3080	More Mordan Weights 2	Albert Rangeley

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
3081-3084	Orlando W. Bedell & the Zenith Egg Grading Scale, Part 2	Charley Amsbaugh
3085-3091	The Proceedings of the Old Bailey London 1674 to 1834	Richard Herbert
3091	Showcase: German Postal Scale	---
3092-3096	The Harvard Trip Scale	Deborah Warner
3097-3098	Cover Picture: Candlestick Scale Desk Set	---
3099-3109	Candlesticks, Part 1	Brian Brass
3110-3112	Sandy Harris, Scale Inventor	Kurt Beyreis
3113-3118	Buckelew & Waterman – A Short-Lived Philadelphia Business	Steve Beare
3118-3123	Orlando W. Bedell & the Zenith Egg Grading Scale, Part 3	Charley Amsbaugh
3124	Showcase Troemner Mint Balance	---
3125	Cover Picture: Shop Scale with Twine Holder	---
3126-3133	Candlesticks, Part 2	Brian Brass
3134-3138	An American Patented Apothecary Scale	Steve Beare
3139	Notes & Queries No. 151	Rein Kok
3140-3144	Hanging Zeniths – Chicken or Turkey	Charley Amsbaugh
3144	Old Adverts	---
3145-3146	A Tale of Two German Money Scales	Ken Govier
3147-3148	1883 Research Study Used a Fairbanks Post Office Scale	Mireya Diaz Duncan Neuhauser
3148-3150	Pump Up the Volume	John Knights
3150-3152	Showcase	---

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
3155 – 3161	Clean, Repair, Polish	Ken Govier
3161	Old Advert	---
3162 – 3164	The Nolan Scale Co, the C W Novelty Co and Mssrs John H Nolan and Sherman Johnson	Jerome Katz
3165 – 3171	John H Nolan Scales	Jan Berning
3172 – 3178	Bowling Ball Scale	Clifford Lushbough
3178	Showcase	---
3179	Notes & Queries No. 152-154	Michael Robinson
3180	Showcase	---
3181 – 3182	Cover Photo - Bilateral Postal Scale	---
3183 – 3188	Perry's Sample & Book Postal Scale	Jenny Hutchinson
3188	Notes & Queries No. 155	Barbara Grygutis
3189	Collecting Letter Scales, How I Got Started	André Sol
3190 – 3195	Letter Scales Marked OEST.P. 1766	André Sol
3195	Old Advert	---
3196 – 3200	The "Dove" Letter Balance Unmasked	Steve Beare
3201 – 3206	Lead Cockleshells from Caesarea Maritima	Lionel Holland
3206 – 3208	The Adjusting Mechanism on Roberval Postal Scales	Ken Govier
3209 – 3210	Cover Photo – Jan Van Coppenol coin scale	---
3211 – 3220	Jamestown at 400: Old World Coin Weights in the New World	Gary Batz
3220 – 3229	Jan Van Coppenol, Emigrant to America	Gary Batz
3229	Review: <i>Handbook of Old Weighing Instruments</i>	Ken Govier

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
3230 – 3234	Postal Scales of the Dutch Scalemaker Velthoen	Rein Kok
3234	Review: <i>Württembergische Stein- und Metallgewichte, 1557-2000</i>	Diana Crawforth-Hitchins
3234	Showcase	---
3235	Howard & Co	David Thomas
3236	Showcase	---
3237 – 3238	Cover Photo – W F Stimpson Computing Scale	---
3239	Introduction – Michigan Issue	Utz Schmidt & Greg Moss
3239 – 3242	The Founders – Contemporary Views	Utz & Shirley Schmidt
3242 – 3243	Handy Postal Scales	Utz Schmidt
3243 – 3245	Are There Michigan Scale Patents?	Utz Schmidt
3246	Showcase	---
3246-3249	What Happened to Walter	Greg Moss
3250 – 3251	The Stimpson Weighs	Greg Moss
3252 – 3255	The Standard Computing Scale Company	Utz Schmidt
3255 – 3257	MI Scales Shaped Case Law	William Lawrence
3257 – 3258	The Perfection Egg Grader	Charley Amsbaugh
3259 – 3260	Michigan Coin Operated Scales	Bill Berning
3261 – 3262	150 Years & Still Weighing	Utz Schmidt
3263	Scale Makers in Mi: 1879 – 1958	---
3264	W F Stimpson: locations	---
3265 – 3266	Cover Photo – Fly Aweigh Letter Scale	---
3267 – 3269	Clearance of the Postmuseum	Rein Kok

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
3269 – 3273	Further Paper Scales and Balances	Daven Chamberlain
3274 – 3281	A Zoo of Letter Scales	André Sol
3282	Showcase – More Zoo Postal Scales	---
3283 – 3284	Cleaning: A Dealer's Viewpoint	Andrew Sowrey
3285 – 3286	Look-Alike Weights	Michael Robinson
3236	Showcase	---
3237 – 3290	A Letter Scale of B. Holsboer	André Sol
3291 – 3292	An Unusual Mordan Postal Scale	Michael Robinson
3295 – 3305	Matlock Marble	Diana Crawford-Hitchins David Thomas
3306 – 3310	The Devil's in the Details - The Rest of the Story	Charley Amsbaugh
3310	Notes & Queries No. 156	---
3311 – 3314	It Pays to Advertise	John Knights
3315 – 3317	Scales	James Reeve
3318	R & L Layton (Scalemakers)	David Matthews
3319	Worth the Weight	Janet C. Pittard
3320	Showcase	---
3323 – 3325	Scales With Circular Dials	Rein Kok
3321 - 3322	Cover Photo – Circular Dial Postal	---
3325	Notes & Queries No. 157	Vernon Denford
3326 – 3329	Sales Aids & Awards	David Matthews
3330 – 3334	Acme Egg Grading Scales	Bob Jibben
3335 – 3336	Guarding the Nation from Weight Frauds	Popular Mechanics

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
3337 – 3341	Bowman's Pendulum Postals	Jan Berning
3342 – 3344	John White & Son Postal Balance	Vernon Denford
3344	Joel F. Keeler: Revisited	Robert Keeler
3345 – 3347	Addison Smith	Brian Gee
3348	Half Roberval Letter Scale	Michael Robinson
3351 – 3353	Remembering Bob Stein	---
3354 – 3355	Spring Song	John Knights
3356 – 3358	Siebe Parcel Balance?	Michael Robinson
3359 – 3366	Meloney Automatic Registering Milk Scale	Utz Schmidt
3367 – 3368	The Dating of a Particular Salter Letter Scale	André Sol
3369 – 3373	Winfield's Rare Candlestick	Michael Robinson
3373 - 3375	Showcase	---
3376	Homepride Flour Scales	---
3379 – 3381	A German Letter Scale	Rein Kok
3382 – 3392	Andrew Turnbull Scales	Jan Berning
3393 – 3394	Treasures from the Mall	Kurt Beyreis
3395 – 3396	Weights for Accepting Foreign Gold Coin	Jerome Katz
3397 – 3400	Oakes Manufacturing & Their Egg Scales	Charlie Amsbaugh
3401 – 3403	You Never Know Where You Will Find an Interesting Scale	Peter Laycock
3403 – 3404	Notes & Queries No. 158 & 159	---
3404	Showcase	---
3407 – 3408	Cricket Anyone?	Bill Doniger
3409 – 3413	Why check for Counterfeits?	Mona Duggan



<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
3414 – 3417	A Conundrum: William Parnall's Improved Beam Scale	Don Schoenly
3418 – 3419	Losing a Few Pounds	Kurt Beyreis
3420 – 3425	Growing up with Milk Scales	Leslie N Firth
3426 – 3427	Foot Stool or a Scale	Jerome Katz
3428 – 3431	David McConnell Smyth - Inventive Genius	Steve Beare
3432	Notes & Queries No. 160	---
3435	Bagging and Tagging	John Knights
3536	Serendipity* Strikes Again	John Knights
3437 – 3438	The Irish Apothecary Standard	Norman Biggs
3438 – 3439	A Salesman's Tale	Paddy Whyte
3440 – 3441	Weighing Huge Aeroplanes	Jack White
3442 – 3443	More Interesting Scales in UK Agricultural Museums	Mike Sharpe
3444 – 3446	Old European Letter Scales & Their Postal Rates	Rein Kok
3446 – 3447	To be a First Timer	Charles Smith
3448 – 3452	Weighbridges Made by John Wyatt & W & T Avery, Ltd	Ken Govier
3453 – 3454	St Eligius in his (Goldsmith) Shop	Ulrich Biber
3455 – 3460	Chicago Scale Company	Jan Berning
3463 – 3466	A German Letter Scale (part 2)	Rein Kok
3467 – 3472	A Short-Lived Scale with a Long Story The Anchor Postal Scale	Steve Beare
3473 – 3477	Cross Peerless Letter/Parcel Scale	L Michael Fultz
3478 – 3482	Scales With the Initials N B	Rein Kok

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
3483 – 3487	Pendulum Egg Scales	Charley Amsbaugh
3487	Showcase	---
3488	Avery Druggist's Scales	Albert Rangeley
3491 -3493	Hyam Hyams Double Rocker	Diana Crawforth – Hitchins
3493 – 3498	Hyam Hyams Made by Jonh Bourn	Michael Foster
3498	Review: <i>Weight and Weight Like Objects from Caesarea Maritima</i>	Diana Crawforth – Hitchins
3499 – 3504	Not for Weighing	Trevor Chambers Bryan Mapletoft
3505	Portable Plastic Paper Balance from 1960s	Daven Chamberlain
3506 – 3507	Thomas Parker's Inch Weights	Norman Biggs
3508 – 3512	Irish City Standards, a Conundrum	Andrew Crawforth
3513 – 3515	Lloyd Scale	Les Schneiderman
3516	Showcase of Scale Jewelry	---
3517 – 3523	The Matchless Letter Scale	Peter Laycock
3524 – 3529	Patent Warranted Correct & John Crane Brass Founder	Michael Foster
3529	Showcase	---
3530 – 3531	Three Transparent Scales	Rein Kok
3532 – 3535	The Assay Ton	Norman Biggs
3536	My Introduction to Scale & Weight Collecting	Leslie Munn
3537 – 3543	Demystifying the AR & Learning About C Spring Scales in the Process	Stephen Barnett
3543	Review: <i>Admissions en France de Poids, Mesures et Instruments de Pesage ou de Mesurage de 1800 à 1970</i>	Diana Crawforth – Hitchins
3544	Underneath the Arches	John Knights

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
3547	Patent Warranted Correct & John Crane Brass Founder - Update	Michael Foster
3548	Letter to the Editor	John Doran
3549 – 3552	A Rare Corcoran Grain Scale	Diana Crawforth – Hitchins
3553 – 3556	Edward Whitfield and His Relations	Norman Biggs
3557 – 3559	Review: <i>John Sheldon, Toymaker, Pencil Maker &amp; Silversmith, a Birmingham Master of Manufacturing and Innovation</i>	Diana Crawforth – Hitchins
3559	European Verification Marks	Ludwig Ramacher
3560 – 3572	Fulton’s Gravity Scale – a Short Lived Cincinnati Scale	Steve Beare
3575 – 3578	From Isaac Newton to Blackbeard?	Dr. Ludwig Ramacher
3579 – 3584	J. Askey?	Michael Foster
3584	Showcase	---
3585 – 3590	History of H. Fereday & Sons Ltd. Scalemakers 1840 – 2010	David Matthews
3591 – 3594	Mancur – Hide Scales – Mond Waage – Peson – C. Unser	Rein Kok
3594 – 3600	Avery Counting Scales	Diana Crawforth-Hitchins
3600	Showcase	---
3603 – 3607	Weights & Scales in Bradford – 1	Norman Biggs
3608 – 3611	Bourn’s 31 Lionel Street ‘Sovereign Rocker’ Foundry	Michael Foster
3612 – 3616	Why the Michigan Scale was a Great Seller	Utz Schmidt & Jack Young
3617 – 3618	Weight Depositing Scale	Michael Crawforth
3619 – 3620	American Machine Co. Perfection Scales	---
3620 – 3623	David Hallock & His Unusual Scales	Jan Berning
3624	Perfection Postal Scale	---
3625 – 3628	A Little Perfection, if you Please	Jerome Katz

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
3631 – 3635	‘ET’ on the beam – Sir Edward Thomason?	Michael Foster
3635	Showcase	---
3636 – 3637	Determining the Cost of Postage on Marion & Co. Postal Scales	Stephen Barnett
3638 – 3643	Weights and Scales in Bradford – 2	Norman Biggs
3644 – 3651	Scales on Postage Stamps	Dick Clark
3652 – 3653	Review: <i>British Scale Makers 1620-1920: The Crawforth Index</i>	Jan Berning
3654	Notes & Queries, No. 161	---
3655 - 3656	Showcase	---
3659 - 3671	Chondrometers	Diana Crawforth-Hitchins
3671	Showcase	---
3672 – 3680	Gilfillan Postal Scales	Peter Laycock
3681 – 3684	More Gilfillan Scales	Jan Berning
3687 – 3689	Counting or Estimating	Robert Meyers
3690 – 3691	Note on the Stock Taking Procedure	Norman Biggs
3691	Review: <i>Antichi Pesi Del Sud Italia</i>	Dr. Ludwig Ramacher
3692 – 3708	W & T Avery & Ph J Maul, are their coin balances related?	Michael Foster
3709 – 3710	Review: <i>La Collezione di pesi monetali del Collegio del Cambio di Perugia</i>	Diana Crawforth-Hitchins
3711	A Rare Mordan Postal Scale	Michael S Robinson
3712	My Unusual Weights	Bill Berning
3715 - 3723	Measures & Weights from the Balearics	Xisco Valles & Dr. Ludwig Ramacher
3724 - 3727	Weighing at the Banks 1	Norman Biggs
3728 - 3730	Review: <i>Newton &amp; the Counterfeiter</i>	Sheila Holroyd

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
3730	Chinese Weights?	Diana Crawforth-Hitchins
3731 - 3734	Guiseppi Tagliabue's Set of Hydrometers for the US Internal Revenue	Ulrich Biber
3735	Review: Zbiory Metrologiczne	Diana Crawforth-Hitchins
3735	French Label in Coin Scale Box	---
3736	Metric Eccentricity	John Knights
3737 - 3738	Some Small Letter Scales	Rein Kok
3739 – 3740	What is This?	Bill James
3740	Showcase	---
3743-3753	The Scale Industry of the Swabian Alb	Susanne Kiefer & Erich Robens
3753	Showcase	---
3754-3757	Weighing at the Banks 2	Norman Biggs
3757	Old Advert	---
3758-3761	An Ellickhuysen-Style Dutch 3-Coin Rocker Balance?	Michael Foster
3761	Gross Misrepresentation	Robert Myers & Norman Biggs
3762	Book Review	Barbara Grygutis
3763-3768	The Lightning Postage Indicator	Peter Laycock
3768	Showcase	---
3771-3775	How Reliable is that "Reliable" Egg Scale	Charlie Amsbaugh
3776-3782	Miniature Postal Scales	Peter Laycock
3783-3786	Weighing at the Banks Part 3: Silver Coins	Norman Biggs
3787-3791	Two Bell Weights	Michael Robinson
3791-3792	Book Review	Ludwig Ramacher

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
3793-3795	Book Review	Barry Oliver
3795-3796	Showcase	---
3799-3809	Coin Scale Boxes Made in and for Spain Part 1	Ludwig Ramacher & Xciso Vallés
3809-3813	Weighing at the Banks Part 4: 1950s & 60s	Norman Biggs
3813	Book Review	Norman Biggs
3814-3816	The Banjo Letter Scale	Peter Laycock
3816	Showcase	---
3817-3818	Draught Spring, Not Draught Beer	Jerry Katz
3819-3821	Remarks on W.H.F. Kuhlmann Precision Balance	Utz Schmidt & Ludwig Wieprecht
3822-3823	Is it a Scale???	Bill Berning
3824	Showcase	---
3827-3840	Scale Industry Supported Victory	Utz Schmidt & Greg Moss
3841-3844	Weighing at the Banks Part 5: Decimalisation	Norman Biggs
3845-3851	'B. Cattle' and 'Cattle's Patent' Sovereign Rockers	Michael Foster
3851	Showcase	---
3852	The Acme Egg-Grading Scale, Before the Patent was Issued	Charlie Amsbaugh
3855-3861	Hooper's Official Post Office Scale?	Andrew Crawforth with Diana Crawforth-Hitchins
3861	Showcase	---
3862-3863	'B. Cattle' and 'Cattle's Patent' Sovereign Rockers – Update	Michael Foster
3864	Book Review	Ritzo Holtman

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
3865-3867	Weighing at the Banks 6: Towards the New Millenium	Norman Biggs
3868-3874	The First Drum Computing Scale	Bill Berning
3874	Old Advert	---
3875-3879	What a Way to Start a Century	John Lound
3880	Strange's Postal Bismar	Jan Berning
3883-3895	Coin Scale Boxes Made in & for Spain Part 2	Xiso Vallés & Ludwig Ramacher
3896-3897	Half a Knicker	John Knights
3898-3903	H.D.L. Ellinckhuysen, Rotterdam Marking Variants & Retailers	Michael Foster
3903	Showcase	---
3904-3908	Young Person Scale	Michael Robinson
3908	Another Jockey Scale by Day & Millward	---
3911	Rags to Riches: 10 Beautiful Shop Beam Scales Created from Scrap Metal	Paddy Whyte
3912-3918	Damping Scale Balances Over 5000 Years	Kurt Beyreis
3919-3927	An Australian Shilling Rocker from the 1930s	Michael Foster
3928-3929	How Many Points Would You Give the Acme Egg Grading Scale?	Charley Amsbaugh
3930-3935	Angling Club Scales	Diana Crawford-Hitchins
3936	Showcase	---
3939-3950	Benjamin Payne	Diana Crawford-Hitchins
3950-3952	How I Came to Join ISASC	David Apps
3953-3954	A Dual Rate Stamp-Box Scale	Stephen Barnett
3955-3956	Vive la France	Jerome Katz
3956	Old Adverts	---

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
3957-3962	Learning More About the Grand Rapids Lumber Tester Scale	Stephen Barnett
3963-3964	More Lumber Testing	---
3967-3970	Mike Bernie & Frank, Grain Weights (& Measures)	John Knights
3970	Old Advert	---
3971	Book Review	Andrew Crawforth
3971-3977	Thomas Pyke, Brass Founder & Boaster	Diana Crawforth-Hitchins
3978-3980	Have you Nullified the Plummet of the Scales?	Greg Moss
3981-3986	A New Variant of the Kronenberg US CCD	Michael Foster
3986	Showcase	---
3987-3988	The Story of Nation Scale Co.	Bill Berning
3988-3991	'Midgley & Co.' on the Beam	Michael Foster
3991-3992	Showcase	---
3995	A New Variant of the Kronenberg US CCD, Update	Michael Foster
3996-4012	Lletjós Scales & Balances, 1860-1954	Francesc Lletjós Llambias
4013-4018	The Taxors of the University of Cambridge	Christine Biggs
4019-4020	An Early Rocker	Norman Biggs
4023-4026	A Bridge Not Quite Far Enough	John Knights
4027	Book Review	Ritzo Holtman
4028-4033	Scales for Michigan's Furniture Industry	Utz Schmidt
4034-4036	The Covell-Hanchett Scale	Kurt Beyreis
4037-4043	Single-coin Rockers and Their Lack of Markings	Michael Foster
4044-4045	A Unique Dutch Letter Scale	Rein Kok
4046	A Type of English Fish Scale	Kurt Beyreis



<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
4047	Patently Interesting	---
4048	Scales and Sports	Paddy Whyte
4051-4052	Historically Important Scale at Brook Museum Ashford, Kent, UK	Mike Sharpe
4053-4060	Anscheutz and Schlaff	Andrew Crawforth & Diana Crawforth-Hitchins
4060	Showcase	---
4061-4067	Advertising Scales	Ben Smith
4067	Showcase	---
4068-4069	Book Review: Late Antiquity Weights	Marcus Stauber
4070-4076	Warranted Steel Bush'd on the Poise – E. Heeley & Co.	Michael Foster
4079-4085	Ottoman Dirhem Weights	Lionel Holland
4086-4096	Spanish Coin Scale Boxes Part 3: Andalusia	Ludwig Ramacher & Xisco Valles
4097-4104	Were Maker Mark Crowns on Rockers Used Elsewhere?	Michael Foster
4107-4114	The Lindermans of Amsterdam 1	Stephen Barnett
4115-4117	Verification Marks on a South African Avery Vibrating Counter Scale	Malcolm Mathias
4118-4120	Sweet Mystery	John Knights
4121-4124	Scanning the Jenemann Archive	Thomas Allgeier & Ritzo Holtman
4125	A Letter and Coin Scale	Rein Kok
4126-4131	Collecting Ephemera Related to Personal Weighing Machines – 1	Norman Biggs
4132	Grading Olives	---

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
4135-4141	The Lindermans of Amsterdam 2	Stephen Barnett
4142-4148	Louis Jaenichen-The Name Seemed so Familiar	Utz Schmidt
4149-4152	Collecting Ephemera Related to Personal Weighing Machines – 2	Norman Biggs
4153-4156	The Second Dimension	John Knights
4156-4160	American Eagle Gold Counterfeit Coin Detectors, A New Maker & Maker Mark	Michael Foster
4163-4173	The Lindermans of Amsterdam 3	Stephen Barnett
4174-4180	Exhibits Relevant to Metrology at the Zwinger Palace in Dresden	Thomas Allgeier
4181-4186	Spanish Coin Scale Boxes, Part 4: Madrid & Castillia-Leon	Ludwig Ramacher & Xisco Valles
4187-4188	J. Stone Rockers?	Michael Foster
4191-4202	Cook's Automatic Postal Scale, or Too Many Cooks	Steve Beare
4202	Showcase	---
4203-4206	The Myers Collection of Local Verification Marks	Norman Biggs
4207-4213	The Lindermans of Amsterdam 4	Stephen Barnett
4213-4216	Smith & Co. on the Box	Michael Foster
4219-4225	The Nemetz Balance of the Science Museum of Porto	Thomas Allgeier
4226-4228	A Pre-Metric Spanish Steelyard	Lionel Holland
4229-4231	Almost Instant Gratification	Jan Berning
4232-4235	Weighing Snow	Bill Berning
4236-4238	My Unusual <i>Abacus Scale</i> ; N & Q 162	Vernon Denford
4238	N & Q 163	Bill Berning

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
4239-4243	Miniature Portable “Brass Box” Sovereign Balance Makers	Michael Foster
4243-4244	Showcase	---
4246-4260	An Overview Covering Italian Coin Scale Boxes	Ludwig Ramacher
4261-4267	The Bochkoltz Substitution Balance, or: Was Mettler First?	Thomas Allgeier
4268-4271	A 19th century Multi-Coin English Balance Maker - John Alker	Michael Foster
4272	Showcase	---
4275-4283	Spanish Coin Scale Boxes, Part 5	Ludwig Ramacher & Xisco Valles
4244-4286	The Ketchum Glove Measuring Device	Don Schoenly
4287-4300	The Spirit of ISASC’s Founders	Utz Schmidt
4303-4305	Have you Ever Seen Weights Like These?	Ernie Segundo
4305	Notes & Queries No. 162	---
4306-4312	Making Cast Iron Weights	Stephen Barnett
4313-4319	An Early Multi-Coin English Rocker Balance Maker – C. Pinchbeck	Michael Foster
4320-4321	James Ferguson’s Misidentified Coin Balance	Tacye Phillipson
4321	Showcase	---
4322-4328	Benjamin Dearborn: Vibrating Steelyards and Gold Standard Balances	Deborah Warner
4331-4334	The Latin Monetary Union and Two European Scale Makers’ Response	Eric Soslau & Michael Foster
4335-4336	American Eagle Gold Counterfeit Coin Detectors, A New Model of Allender’s 5-coin CCD	Michael Foster
4337-4339	Preserved Weighbridge in Maidstone, Kent, UK	Mike Sharpe

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
4340-4343	Spanish Coin Scale Boxes, Part 6a	Ludwig Ramacher & Xisco Valles
4344	Showcase	---
4345-4348	The Patterson Egg Candler and Grading Scale	Jan Berning
4349-4355	Granddad's Gold Scale	Tony McCarthy
4356	Showcase	---
4359-4365	Pre-Metric Danish Weights-Their Values & Verification	Kathy & Steve Barnett
4366-4372	Three Scales from a School	Mike Sharpe
4373-4377	John H. Ruth's Spuriscope	Judy & Eric Soslau
4377	Old Advert	---
4378-4381	The American Way to Weigh Hay	Deborah Warner
4382-4383	Paddy Whyte's Story	Paddy Whyte
4384	From the Collection of	Kathy & Steve Barnett
4387-4397	Southwark Scale Company	Kurt Beyreis
4398-4401	The Ainsworth Analytical Balance Type BB, No. 32671 With Chain Weighing Device	Ludwig Bosch
4402-4404	Prune Testing	Utz Schmidt
4405-4407	The Mystery Sale Revisited	Don Schoenly
4408-4411	Ashworth, Ross, Ashworth-Ross	John Knights
4412	From the Collection of	Bob & Carol Hayden
4413-4419	Brothers Reunited	Bill & Jan Berning with James Reeve
4420-4424	The Big Scale	Greg Hill & Ernie Segundo
4425-4428	Meet Our Members	Mal Campbell
4429-4430	Four Interesting Folders	Don Schoenly

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
4431-4435	A Brief History of the Price Computing Scale	Greg Moss
4436-4440	Letter Opener Scales, Part 1	Jan Berning
4443-4447	An Unexpected Find	Thomas Allgeier
4448-4459	Alexander Adie & Son	Diana Crawforth-Hitchins
4460-4463	A Special Find in Sweden	André Sol & Roland Obst
4464-4467	Letter Opener Scales, Part 2	Jan Berning
4468	From the Collection of	Bill & Jan Berning
4471-4475	McGiehan's Unique Postal	Bill Berning
4476-4485	Rikkers Airmail Letter Scale	André Sol
4486-4492	'Mordan Style' Sovereign Rockers	Mike Foster
4492-4494	Letter Opener Scales, Part 3	Jan Berning
4495	From the Collection of	Gregg Motter
4496	Old Advert	---
4499-4517	The Celler Egg Sorting Scale of Fabian, the Preceding and More	André Sol
4518-4523	Letter Opener Scales, Part 4	Jan Berning
4524	How Members Display Their Collections	---
4527-4532	Who Made These Ball & Rod Postal Scales? Part 1	Diana Crawforth-Hitchins
4533-4539	A German Gold Scale Box from Chicago	Dr. Ludwig Ramacher
4539	Old Advert	---
4540-4544	Who Knows <i>Chevalier à Arrest?</i>	Michael Foster, Bernard Masson, Gilles Ricoce and Jaap Visser

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
4545-4551	A Multi-coin Folding Gold Balance by Anthony Wilkinson	Michael Foster & Diana Crawforth-Hitchins
4552	Letter Opener Scales, Part 5	Jan Berning
4555-4560	Who Made These Ball & Rod Postal Scales? Part 2	Diana Crawforth-Hitchins
4561	New Book	---
4562-4567	Stay Just A Little Bit Longer (Or A Little Bit Shorter)	John Knights
4568-4571	A Newly Discovered Folding Balance with Sliding-Poise by Anthony Wilkinson	Michael Foster
4571	Showcase	---
4572-4580	Letter Opener Scales, Part 6	Jan Berning
4583-4593	S Maw & Thompson	Stephen Barnett
4594-4595	Inaugral Newman Grant Awarded	Malcolm Mathias
4596-4599	From the Collection of	Gregg Motter
4600-4608	Introduction to 19 <sup>th</sup> Century Shelf-edge Letter Scales	Michael Foster
4611-4625	James Templar Shenston (1801-1846)	Diana Crawforth-Hitchins & Gregg Motter
4626-4631	Making the Grade	John Knights

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
4632-4636	The Bottom	Dick Clark
4634-4636	William Blews & Sons, on the Box	Michael Foster
4636	Showcase	---
4639-4642	A Different Oval Japanned Box	Andrew Crawforth
4643-4649	The Evocative Scale Queen...Revisited	Gregg Motter
4650-4651	Book Review	---
4652-4664	Thomas Voce the 1 <sup>st</sup> Sovereign Rocker Maker	Michael Foster
4667-4670	How I Delighted My Father	Andrew Crawforth
4671-4683	Samuel Read's Scales	Diana Crawforth-Hitchins
4684-4691	Maranville Coin Tester, Part 1	Malcolm Mathias
4692	How Members Display Their Collections	---
4695-4702	Chauncey Duryee and Orrin Forsyth – Scale Makers & Partners, Part 1	Gregg Motter
4703-4704	KLIM "Spell it Backwards"	Bill Berning
4705-4710	Large Avery Scales Mounted on Box with Drawer	Malcolm Campbell
4710	Old Advert	---
4711-4715	1857 Maranville Coin Tester, 2	Malcolm Mathias

<b>Pages</b>	<b>Title or subject Matter</b>	<b>Author</b>
4715	Old Advert	---
4716-4718	The Evocative Scale Queen... New Information & Analysis	Gregg Motter
4719	Notes & Queries No. 162	---
4723-4730	King's Commemorative Letter Balance	Diana Crawford-Hitchins
4730	Showcase	---
4731-4741	Chauncey Duryee and Orrin Forsyth – Scale Makers & Partners, Part 2	Gregg Motter
4742-4744	1857 Maranville Coin Tester, 3	Malcolm Mathias
4745-4747	Spade e Stadere: Swords & Steelyards	Lia Apparuti
4747-4748	From Collection to Obsession	Larry Press
4751-4763	Tea Weighing from Bush to Cup	Diana Crawford-Hitchins
4764-4774	1860 Maranville Improved Pocket Coin Tester	Malcolm Mathias
4775-4776	A Scale, a Friend, Fate and a Connection with the Past	Eric & Judy Soslau