

# Dated Coins of Antiquity

Shekels of Tyre - Supplemental Photographs  
(Release 2)

By Edward E. Cohen









# **Dated Coins of Antiquity**

## **Shekels of Tyre - Supplemental Photographs** (Release 2)

By Edward E. Cohen



Lancaster / London



© 2014 by Edward E. Cohen

All rights reserved. No part of this supplement may be reproduced for sale by any means, printed, electronic, or other, without prior permission in writing from the copyright holder. Brief quotations from this book are permitted for use in critical articles or book reviews.

Permission is granted for free use of the numbering system (that is, Coin No.) in advertisements, price lists, auction catalogues and critical articles. This permission is granted when acknowledgment is made by stating the author and title. The preferred way to make reference to a coin in this supplement is DCA-Tyre, followed by the coin number, that is Dated Coins of Antiquity, Tyre.

Published by Classical Numismatic Group, Inc.

P.O. Box 479

Lancaster, PA 17608-0479

ISBN 978-0-9837652-9-5

Printed in the United States of America



**To Miriam, my Micki,  
the love of my life,  
1947-2016**









## Dated Coins of Antiquity (DCA), Supplemental Photographs of Tyre

### Contents

|                                              |    |
|----------------------------------------------|----|
| 1. INTRODUCTION TO RELEASE 2 .....           | 9  |
| 2. TYRE SHEKELS, DCA 919 .....               | 21 |
| 2.1 Tyre Shekel, Year 1, 126/125 BC .....    | 21 |
| 2.2 Tyre Shekel, Year 2, 125/124 BC .....    | 22 |
| 2.3 Tyre Shekel, Year 3, 124/123 BC .....    | 23 |
| 2.4 Tyre Shekel, Year 4, 123/122 BC .....    | 24 |
| 2.5 Tyre Shekel, Year 5, 122/121 BC .....    | 25 |
| 2.6 Tyre Shekel, Year 6, 121/120 BC .....    | 27 |
| 2.7 Tyre Shekel, Year 7, 120/119 BC .....    | 28 |
| 2.8 Tyre Shekel, Year 8, 119/118 BC .....    | 29 |
| 2.9 Tyre, Shekel, Year 9, 118/117 BC .....   | 30 |
| 2.10 Tyre, Shekel, Year 10, 117/116 BC ..... | 31 |
| 2.11 Tyre, Shekel, Year 11, 116/115 BC ..... | 33 |
| 2.12 Tyre, Shekel, Year 12, 115/114 BC ..... | 35 |
| 2.13 Tyre, Shekel, Year 13, 114/113 BC ..... | 36 |
| 2.14 Tyre, Shekel, Year 14, 113/112 BC ..... | 37 |
| 2.15 Tyre, Shekel, Year 15, 112/111 BC ..... | 39 |
| 2.16 Tyre, Shekel, Year 16, 111/110 BC ..... | 39 |
| 2.17 Tyre, Shekel, Year 17, 110/109 BC ..... | 40 |
| 2.18 Tyre, Shekel, Year 18, 109/108 BC ..... | 41 |
| 2.19 Tyre, Shekel, Year 19, 108/107 BC ..... | 43 |
| 2.20 Tyre, Shekel, Year 20, 107/106 BC ..... | 45 |
| 2.21 Tyre, Shekel, Year 21, 106/105 BC ..... | 48 |
| 2.22 Tyre, Shekel, Year 22, 105/104 BC ..... | 49 |
| 2.23 Tyre, Shekel, Year 23, 104/103 BC ..... | 51 |
| 2.24 Tyre, Shekel, Year 24, 103/102 BC ..... | 53 |
| 2.25 Tyre, Shekel, Year 25, 102/101 BC ..... | 56 |
| 2.26 Tyre, Shekel, Year 26, 101/100 BC ..... | 57 |
| 2.27 Tyre, Shekel, Year 27, 100/99 BC .....  | 58 |
| 2.28 Tyre, Shekel, Year 28, 99/98 BC .....   | 62 |
| 2.29 Tyre, Shekel, Year 29, 98/97 BC .....   | 65 |
| 2.30 Tyre, Shekel, Year 30, 97/96 BC .....   | 68 |
| 2.31 Tyre, Shekel, Year 31, 96/95 BC .....   | 71 |
| 2.32 Tyre, Shekel, Year 32, 95/94 BC .....   | 73 |
| 2.33 Tyre, Shekel, Year 33, 94/93 BC .....   | 74 |
| 2.34 Tyre, Shekel, Year 34, 93/92 BC .....   | 75 |



|      |                                       |     |
|------|---------------------------------------|-----|
| 2.35 | Tyre, Shekel, Year 35, 92/91BC .....  | 76  |
| 2.36 | Tyre, Shekel, Year 36, 91/90 BC ..... | 78  |
| 2.37 | Tyre, Shekel, Year 37, 90/89 BC ..... | 79  |
| 2.38 | Tyre, Shekel, Year 38, 89/88 BC ..... | 83  |
| 2.39 | Tyre, Shekel, Year 39, 88/87 BC ..... | 85  |
| 2.40 | Tyre, Shekel, Year 40, 87/86 BC ..... | 87  |
| 2.41 | Tyre, Shekel, Year 41, 86/85 BC ..... | 89  |
| 2.42 | Tyre, Shekel, Year 42, 85/84 BC ..... | 91  |
| 2.43 | Tyre, Shekel, Year 43, 84/83 BC ..... | 93  |
| 2.44 | Tyre, Shekel, Year 45, 82/81 BC ..... | 95  |
| 2.45 | Tyre, Shekel, Year 46, 81/80 BC ..... | 97  |
| 2.46 | Tyre, Shekel, Year 47, 80/79 BC ..... | 97  |
| 2.47 | Tyre, Shekel, Year 48, 79/78 BC ..... | 99  |
| 2.48 | Tyre, Shekel, Year 49, 78/77 BC ..... | 101 |
| 2.49 | Tyre, Shekel, Year 50, 77/76 BC ..... | 102 |
| 2.50 | Tyre, Shekel, Year 51, 76/75 BC ..... | 104 |
| 2.51 | Tyre, Shekel, Year 52, 75/74 BC ..... | 106 |
| 2.52 | Tyre, Shekel, Year 53, 74/73 BC ..... | 107 |
| 2.53 | Tyre, Shekel, Year 54, 73/72 BC ..... | 109 |
| 2.54 | Tyre, Shekel, Year 55, 72/71 BC ..... | 110 |
| 2.55 | Tyre, Shekel, Year 57, 70/69 BC ..... | 111 |
| 2.56 | Tyre, Shekel, Year 58, 69/68 BC ..... | 112 |
| 2.57 | Tyre, Shekel, Year 59, 68/67 BC ..... | 113 |
| 2.58 | Tyre, Shekel, Year 60, 67/66 BC ..... | 115 |
| 2.59 | Tyre, Shekel, Year 61, 66/65 BC ..... | 116 |
| 2.60 | Tyre, Shekel, Year 62, 65/64 BC ..... | 117 |
| 2.61 | Tyre, Shekel, Year 63, 64/63 BC ..... | 117 |
| 2.62 | Tyre, Shekel, Year 64, 63/62 BC ..... | 119 |
| 2.63 | Tyre, Shekel, Year 65, 62/61 BC ..... | 121 |
| 2.64 | Tyre, Shekel, Year 66, 61/60 BC ..... | 123 |
| 2.65 | Tyre, Shekel, Year 67, 60/59 BC ..... | 125 |
| 2.66 | Tyre, Shekel, Year 68, 59/58 BC ..... | 125 |
| 2.67 | Tyre, Shekel, Year 69, 58/57 BC ..... | 127 |
| 2.68 | Tyre, Shekel, Year 70, 57/56 BC ..... | 128 |
| 2.69 | Tyre, Shekel, Year 71, 56/55 BC ..... | 128 |
| 2.70 | Tyre, Shekel, Year 72, 55/54 BC ..... | 130 |
| 2.71 | Tyre, Shekel, Year 73, 54/53 BC ..... | 131 |
| 2.72 | Tyre, Shekel, Year 74, 53/52 BC ..... | 132 |
| 2.73 | Tyre, Shekel, Year 78, 49/48 BC ..... | 133 |
| 2.74 | Tyre, Shekel, Year 79, 48/47 BC ..... | 134 |
| 2.75 | Tyre, Shekel, Year 80, 47/46 BC ..... | 135 |
| 2.76 | Tyre, Shekel, Year 81, 46/45 BC ..... | 137 |
| 2.77 | Tyre, Shekel, Year 82, 45/44 BC ..... | 138 |
| 2.78 | Tyre, Shekel, Year 83, 44/43 BC ..... | 140 |

|       |                                                           |     |
|-------|-----------------------------------------------------------|-----|
| 2.79  | Tyre, Shekel, Year 84, 43/42 BC.....                      | 142 |
| 2.80  | Tyre, Shekel, Year 85, 42/41 BC.....                      | 144 |
| 2.81  | Tyre, Shekel, Year 86, 41/40 BC.....                      | 146 |
| 2.82  | Tyre, Shekel, Year 87, 40/39 BC.....                      | 148 |
| 2.83  | Tyre, Shekel, Year 88, 39/38 BC.....                      | 151 |
| 2.84  | Tyre, Shekel, Year 89, 38/37 BC.....                      | 155 |
| 2.85  | Tyre, Shekel, Year 92, 35/34 BC.....                      | 158 |
| 2.86  | Tyre, Shekel, Year 93, 34/33 BC.....                      | 160 |
| 2.87  | Tyre, Shekel, Year 94, 33/32 BC.....                      | 162 |
| 2.88  | Tyre, Shekel, Year 95, 32/31 BC.....                      | 164 |
| 2.89  | Tyre, Shekel, Year 96, 31/30 BC.....                      | 165 |
| 2.90  | Tyre, Shekel, Year 97, 30/29 BC.....                      | 168 |
| 2.91  | Tyre, Shekel, Year 98, 29/28 BC.....                      | 170 |
| 2.92  | Tyre, Shekel, Year 99, 28/27 BC.....                      | 170 |
| 2.93  | Tyre, Shekel, Year 100, 27/26 BC.....                     | 173 |
| 2.94  | Tyre, Shekel, Year 101, 26/25 BC.....                     | 175 |
| 2.95  | Tyre, Shekel, Year 102, 25/24 BC.....                     | 176 |
| 2.96  | Tyre, Shekel, Year 103, 24/23 BC.....                     | 179 |
| 2.97  | Tyre, Shekel, Year 104, 23/22 BC.....                     | 183 |
| 2.98  | Tyre, Shekel, Year 105, 22/21 BC.....                     | 185 |
| 2.99  | Tyre, Shekel, Year 106, 21/20 BC.....                     | 187 |
| 2.100 | Tyre, Shekel, Year 107, 20/19 BC.....                     | 191 |
| 2.101 | Tyre, Shekel, Year 108, 19/18 BC.....                     | 197 |
| 2.102 | Tyre, Shekel, Year 109, 18/17 BC.....                     | 198 |
| 2.103 | Tyre, Shekel, Year 110, 17/16 BC.....                     | 200 |
| 2.104 | Tyre, Shekel, Year 111, 16/15 BC.....                     | 202 |
| 2.105 | Tyre, Shekel, Year 112, 15/14 BC (year not reported)..... | 204 |
| 3.    | TYRE SHEKELS (KP MONOGRAM), DCA 920.....                  | 205 |
| 3.1   | Tyre, Shekel, Year 113, 14/13 BC.....                     | 205 |
| 3.2   | Tyre, Shekel, Year 114, 13/12 BC.....                     | 206 |
| 3.3   | Tyre, Shekel, Year 115, 12/11 BC.....                     | 209 |
| 3.4   | Tyre, Shekel, Year 116, 11/10 BC.....                     | 211 |
| 3.5   | Tyre, Shekel, Year 117, 10/9 BC.....                      | 214 |
| 3.6   | Tyre, Shekel, Year 118, 9/8 BC.....                       | 216 |
| 3.7   | Tyre, Shekel, Year 120, 7/6 BC.....                       | 217 |
| 3.8   | Tyre, Shekel, Year 121, 6/5 BC.....                       | 218 |
| 3.9   | Tyre, Shekel, Year 122, 5/4 BC.....                       | 219 |
| 3.10  | Tyre, Shekel, Year 123, 4/3 BC.....                       | 220 |
| 3.11  | Tyre, Shekel, Year 124, 3/2 BC.....                       | 221 |
| 3.12  | Tyre, Shekel, Year 125, 2/1 BC.....                       | 221 |
| 3.13  | Tyre, Shekel, Year 126, 1 BC / 1 AD.....                  | 223 |
| 3.14  | Tyre, Shekel, Year 127, 1/2 AD.....                       | 224 |
| 3.15  | Tyre, Shekel, Year 128, 2/3 AD.....                       | 225 |
| 3.16  | Tyre, Shekel, Year 129, 3/4 AD.....                       | 228 |



|      |                                       |     |
|------|---------------------------------------|-----|
| 3.17 | Tyre, Shekel, Year 130, 4/5 AD.....   | 230 |
| 3.18 | Tyre, Shekel, Year 131, 5/6 AD.....   | 232 |
| 3.19 | Tyre, Shekel, Year 132, 6/7 AD.....   | 235 |
| 3.20 | Tyre, Shekel, Year 133, 7/8 AD.....   | 237 |
| 3.21 | Tyre, Shekel, Year 134, 8/9 AD.....   | 238 |
| 3.22 | Tyre, Shekel, Year 135, 9/10 AD.....  | 239 |
| 3.23 | Tyre, Shekel, Year 136, 10/11 AD..... | 241 |
| 3.24 | Tyre, Shekel, Year 137, 11/12 AD..... | 241 |
| 3.25 | Tyre, Shekel, Year 138, 12/13 AD..... | 243 |
| 3.26 | Tyre, Shekel, Year 139, 13/14 AD..... | 244 |
| 3.27 | Tyre, Shekel, Year 140, 14/15 AD..... | 245 |
| 3.28 | Tyre, Shekel, Year 141, 15/16 AD..... | 246 |
| 3.29 | Tyre, Shekel, Year 142, 16/17 AD..... | 247 |
| 3.30 | Tyre, Shekel, Year 143, 17/18 AD..... | 249 |
| 3.31 | Tyre, Shekel, Year 144, 18/19 AD..... | 251 |
| 3.32 | Tyre, Shekel, Year 145, 19/20 AD..... | 253 |
| 3.33 | Tyre, Shekel, Year 146, 20/21 AD..... | 258 |
| 3.34 | Tyre, Shekel, Year 147, 21/22 AD..... | 261 |
| 3.35 | Tyre, Shekel, Year 148, 22/23 AD..... | 263 |
| 3.36 | Tyre, Shekel, Year 149, 23/24 AD..... | 264 |
| 3.37 | Tyre, Shekel, Year 150, 24/25 AD..... | 265 |
| 3.38 | Tyre, Shekel, Year 151, 25/26 AD..... | 268 |
| 3.39 | Tyre, Shekel, Year 152, 26/27 AD..... | 269 |
| 3.40 | Tyre, Shekel, Year 153, 27/28 AD..... | 270 |
| 3.41 | Tyre, Shekel, Year 154, 28/29 AD..... | 273 |
| 3.42 | Tyre, Shekel, Year 155, 29/30 AD..... | 274 |
| 3.43 | Tyre, Shekel, Year 156, 30/31 AD..... | 275 |
| 3.44 | Tyre, Shekel, Year 157, 31/32 AD..... | 279 |
| 3.45 | Tyre, Shekel, Year 158, 32/33 AD..... | 282 |
| 3.46 | Tyre, Shekel, Year 159, 33/34 AD..... | 285 |
| 3.47 | Tyre, Shekel, Year 160, 34/35 AD..... | 289 |
| 3.48 | Tyre, Shekel, Year 161, 35/36 AD..... | 292 |
| 3.49 | Tyre, Shekel, Year 162, 36/37 AD..... | 295 |
| 3.50 | Tyre, Shekel, Year 163, 37/38 AD..... | 300 |
| 3.51 | Tyre, Shekel, Year 164, 38/39 AD..... | 302 |
| 3.52 | Tyre, Shekel, Year 165, 39/40 AD..... | 304 |
| 3.53 | Tyre, Shekel, Year 166, 40/41 AD..... | 305 |
| 3.54 | Tyre, Shekel, Year 167, 41/42 AD..... | 307 |
| 3.55 | Tyre, Shekel, Year 168, 42/43 AD..... | 308 |
| 3.56 | Tyre, Shekel, Year 169, 43/44 AD..... | 309 |
| 3.57 | Tyre, Shekel, Year 170, 44/45 AD..... | 312 |
| 3.58 | Tyre, Shekel, Year 171, 45/46 AD..... | 316 |
| 3.59 | Tyre, Shekel, Year 172, 46/47 AD..... | 318 |
| 3.60 | Tyre, Shekel, Year 173, 47/48 AD..... | 321 |

|      |                                                               |     |
|------|---------------------------------------------------------------|-----|
| 3.61 | Tyre, Shekel, Year 174, 48/49 AD .....                        | 322 |
| 3.62 | Tyre, Shekel, Year 175, 49/50 AD .....                        | 324 |
| 3.63 | Tyre, Shekel, Year 176, 50/51 AD .....                        | 327 |
| 3.64 | Tyre, Shekel, Year 177, 51/52 AD .....                        | 329 |
| 3.65 | Tyre, Shekel, Year 178, 52/53AD .....                         | 331 |
| 3.66 | Tyre, Shekel, Year 179, 53/54AD .....                         | 332 |
| 3.67 | Tyre, Shekel, Year 180, 54/55 AD .....                        | 333 |
| 3.68 | Tyre, Shekel, Year 181, 55/56 AD .....                        | 334 |
| 3.69 | Tyre, Shekel, Year 182, 56/57 AD .....                        | 335 |
| 3.70 | Tyre, Shekel, Year 183, 57/58 AD .....                        | 335 |
| 3.71 | Tyre, Shekel, Year 184, 58/59 AD .....                        | 336 |
| 3.72 | Tyre, Shekel, Year 185, 59/60 AD .....                        | 336 |
| 3.73 | Tyre, Shekel, Year 186, 60/61 AD .....                        | 337 |
| 3.74 | Tyre, Shekel, Year 187, 61/62 AD .....                        | 338 |
| 3.75 | Tyre, Shekel, Year 188, 62/63 AD .....                        | 338 |
| 3.76 | Tyre, Shekel, Year 189, 63/64 AD .....                        | 339 |
| 3.77 | Tyre, Shekel, Year 190, 64/65 AD .....                        | 339 |
| 3.78 | Tyre, Shekel, Year 191, 65/66 AD .....                        | 340 |
| 3.79 | Tyre, Shekel, Year Crude and Illegible .....                  | 341 |
| 4.   | TYRE HALF SHEKELS, DCA 921 .....                              | 361 |
| 4.1  | Tyre, Half Shekel, Year 1, 126/125 BC.....                    | 361 |
| 4.2  | Tyre, Half Shekel, Year 2, 125/124 BC.....                    | 363 |
| 4.3  | Tyre, Half Shekel, Year 3, 124/123 BC.....                    | 364 |
| 4.4  | Tyre, Half Shekel, Year 4, 123/122 BC.....                    | 364 |
| 4.5  | Tyre, Half Shekel, Year 5, 122/121 BC.....                    | 365 |
| 4.6  | Tyre, Half Shekel, Year 6, 121/120 BC.....                    | 365 |
| 4.7  | Tyre, Half Shekel, Year 7, 120/119 BC.....                    | 366 |
| 4.8  | Tyre, Half Shekel, Year 8, 119/118 BC.....                    | 366 |
| 4.9  | Tyre, Half Shekel, Year 9, 118/117 BC.....                    | 366 |
| 4.10 | Tyre, Half Shekel, Year 11, 116/115 BC.....                   | 367 |
| 4.11 | Tyre, Half Shekel, Year 13, 114/113 BC.....                   | 367 |
| 4.12 | Tyre, Half Shekel, Year 14, 113/112 BC.....                   | 369 |
| 4.13 | Tyre, Half Shekel, Year 16, 111/110 BC.....                   | 369 |
| 4.14 | Tyre, Half Shekel, Year 17, 110/109 BC.....                   | 370 |
| 4.15 | Tyre, Half Shekel, Year 20, 107/106 BC.....                   | 371 |
| 4.16 | Tyre, Half Shekel, Year 21, 106/105 BC.....                   | 371 |
| 4.17 | Tyre, Half Shekel, Year 22, 105/104 BC.....                   | 372 |
| 4.18 | Tyre, Half Shekel, Year 24, 103/102 BC.....                   | 372 |
| 4.19 | Tyre, Half Shekel, Year 28, 99/98 BC (year not reported)..... | 373 |
| 4.20 | Tyre, Half Shekel, Year 30, 97/96 BC.....                     | 373 |
| 4.21 | Tyre, Half Shekel, Year 32, 95/94 BC.....                     | 373 |
| 4.22 | Tyre, Half Shekel, Year 33, 94/93 BC.....                     | 374 |
| 4.23 | Tyre, Half Shekel, Year 34, 93/92 BC.....                     | 374 |
| 4.24 | Tyre, Half Shekel, Year 35, 92/91BC.....                      | 375 |



|      |                                                                 |     |
|------|-----------------------------------------------------------------|-----|
| 4.25 | Tyre, Half Shekel, Year 36, 91/90 BC .....                      | 376 |
| 4.26 | Tyre, Half Shekel, Year 37, 90/89 BC .....                      | 378 |
| 4.27 | Tyre, Half Shekel, Year 38, 89/88 BC .....                      | 380 |
| 4.28 | Tyre, Half Shekel, Year 39, 88/87 BC .....                      | 380 |
| 4.29 | Tyre, Half Shekel, Year 40, 87/86 BC .....                      | 381 |
| 4.30 | Tyre, Half Shekel, Year 41, 86/85 BC .....                      | 384 |
| 4.31 | Tyre, Half Shekel, Year 43, 84/83 BC .....                      | 385 |
| 4.32 | Tyre, Half Shekel, Year 44, 83/82 BC .....                      | 385 |
| 4.33 | Tyre, Half Shekel, Year 45, 82/81 BC .....                      | 386 |
| 4.34 | Tyre, Half Shekel, Year 46 81/80 BC .....                       | 387 |
| 4.35 | Tyre, Half Shekel, Year 47, 80/79 BC .....                      | 388 |
| 4.36 | Tyre, Half Shekel, Year 48, 79/78 BC .....                      | 389 |
| 4.37 | Tyre, Half Shekel, Year 49, 78/77 BC .....                      | 390 |
| 4.38 | Tyre, Half Shekel, Year 50, 77/76 BC .....                      | 391 |
| 4.39 | Tyre, Half Shekel, Year 51, 76/75 BC .....                      | 392 |
| 4.40 | Tyre, Half Shekel, Year 52, 73/72 BC .....                      | 394 |
| 4.41 | Tyre, Half Shekel, Year 53, 74/73 BC .....                      | 394 |
| 4.42 | Tyre, Half Shekel, Year 57, 70/69 BC .....                      | 395 |
| 4.43 | Tyre, Half Shekel, Year 59, 68/67 BC .....                      | 396 |
| 4.44 | Tyre, Half Shekel, Year 67, 60/59 BC (year not reported) .....  | 397 |
| 4.45 | Tyre, Half Shekel, Year 70, 57/56 BC (year not reported) .....  | 397 |
| 4.46 | Tyre, Half Shekel, Year 79, 48/47 BC (year not reported) .....  | 397 |
| 4.47 | Tyre, Half Shekel, Year 85, 42/41 BC (year not reported) .....  | 397 |
| 4.48 | Tyre, Half Shekel, Year 86, 41/40 BC .....                      | 397 |
| 4.49 | Tyre, Half Shekel, Year 87, 40/39 BC .....                      | 397 |
| 4.50 | Tyre, Half Shekel, Year 88, 39/38 BC .....                      | 398 |
| 4.51 | Tyre, Half Shekel, Year 89, 38/37 BC .....                      | 399 |
| 4.52 | Tyre, Half Shekel, Year 95, 32/31 BC (year not reported) .....  | 400 |
| 4.53 | Tyre, Half Shekel, Year 96, 31/30 BC .....                      | 400 |
| 4.54 | Tyre, Half Shekel, Year 98, 29/28 BC .....                      | 400 |
| 4.55 | Tyre, Half Shekel, Year 99, 28/27 BC .....                      | 401 |
| 4.56 | Tyre, Half Shekel, Year 100, 27/26 BC .....                     | 402 |
| 4.57 | Tyre, Half Shekel, Year 101, 26/25 BC .....                     | 403 |
| 4.58 | Tyre, Half Shekel, Year 102, 25/24 BC .....                     | 404 |
| 4.59 | Tyre, Half Shekel, Year 103, 24/23 BC .....                     | 404 |
| 4.60 | Tyre, Half Shekel, Year 104, 23/22 BC .....                     | 404 |
| 4.61 | Tyre, Half Shekel, Year 105, 22/21 BC .....                     | 404 |
| 4.62 | Tyre, Half Shekel, Year 106, 21/20 BC (year not reported) ..... | 405 |
| 4.63 | Tyre, Half Shekel, Year 107, 20/19 BC .....                     | 405 |
| 4.64 | Tyre, Half Shekel, Year 108, 19/18 BC .....                     | 406 |
| 4.65 | Tyre, Half Shekel, Year 109, 18/17 BC .....                     | 406 |
| 4.66 | Tyre, Half Shekel, Year 110, 17/16 BC .....                     | 406 |
| 5.   | TYRE HALF SHEKELS (KP MONOGRAM), DCA 922 .....                  | 407 |
| 5.1  | Tyre, Half Shekel, Year 113, 14/13 BC .....                     | 407 |

|      |                                                                |     |
|------|----------------------------------------------------------------|-----|
| 5.2  | Tyre, Half Shekel, Year 114, 13/12 BC.....                     | 407 |
| 5.3  | Tyre, Half Shekel, Year 115, 12/11 BC.....                     | 408 |
| 5.4  | Tyre, Half Shekel, Year 117, 10/9 BC.....                      | 409 |
| 5.5  | Tyre, Half Shekel, Year 122, 5/4 BC.....                       | 411 |
| 5.6  | Tyre, Half Shekel, Year 123, 4/3 BC.....                       | 411 |
| 5.7  | Tyre, Half Shekel, Year 126, 1 BC / 1 AD.....                  | 412 |
| 5.8  | Tyre, Half Shekel, Year 131, 5/6 AD.....                       | 412 |
| 5.9  | Tyre, Half Shekel, Year 132, 6/7 AD.....                       | 413 |
| 5.10 | Tyre, Half Shekel, Year 133, 7/8 AD.....                       | 413 |
| 5.11 | Tyre, Half Shekel, Year 134, 8/9 AD.....                       | 414 |
| 5.12 | Tyre, Half Shekel, Year 136, 10/11 AD.....                     | 414 |
| 5.13 | Tyre, Half Shekel, Year 137, 11/12 AD.....                     | 414 |
| 5.14 | Tyre, Half Shekel, Year 138, 12/13 AD.....                     | 415 |
| 5.15 | Tyre, Half Shekel, Year 140, 14/15 AD.....                     | 416 |
| 5.16 | Tyre, Half Shekel, Year 141, 15/16 AD.....                     | 418 |
| 5.17 | Tyre, Half Shekel, Year 142, 16/17 AD.....                     | 420 |
| 5.18 | Tyre, Half Shekel, Year 143, 17/18 AD.....                     | 421 |
| 5.19 | Tyre, Half Shekel, Year 144, 18/19 AD.....                     | 423 |
| 5.20 | Tyre, Half Shekel, Year 145, 19/20 AD.....                     | 424 |
| 5.21 | Tyre, Half Shekel, Year 146, 20/21 AD.....                     | 425 |
| 5.22 | Tyre, Half Shekel, Year 147, 21/22 AD.....                     | 426 |
| 5.23 | Tyre, Half Shekel, Year 148, 22/23 AD (year not reported)..... | 426 |
| 5.24 | Tyre, Half Shekel, Year 149, 23/24 AD.....                     | 427 |
| 5.25 | Tyre, Half Shekel, Year 150, 24/25 AD.....                     | 428 |
| 5.26 | Tyre, Half Shekel, Year 151, 25/26 AD (year not reported)..... | 429 |
| 5.27 | Tyre, Half Shekel, Year 153, 27/28 AD.....                     | 429 |
| 5.28 | Tyre, Half Shekel, Year 154, 28/29 AD.....                     | 430 |
| 5.29 | Tyre, Half Shekel, Year 155, 29/30 AD.....                     | 431 |
| 5.30 | Tyre, Half Shekel, Year 158, 32/33 AD.....                     | 432 |
| 5.31 | Tyre, Half Shekel, Year 159, 33/34 AD.....                     | 432 |
| 5.32 | Tyre, Half Shekel, Year 160, 34/35 AD.....                     | 433 |
| 5.33 | Tyre, Half Shekel, Year 161, 35/36 AD.....                     | 434 |
| 5.34 | Tyre, Half Shekel, Year 162, 36/37 AD.....                     | 435 |
| 5.35 | Tyre, Half Shekel, Year 163, 37/38 AD.....                     | 436 |
| 5.36 | Tyre, Half Shekel, Year 164, 38/39 AD.....                     | 438 |
| 5.37 | Tyre, Half Shekel, Year 165, 39/40 AD.....                     | 440 |
| 5.38 | Tyre, Half Shekel, Year 166, 40/41 AD.....                     | 441 |
| 5.39 | Tyre, Half Shekel, Year 167, 41/42 AD.....                     | 442 |
| 5.40 | Tyre, Half Shekel, Year 168, 42/43 AD.....                     | 443 |
| 5.41 | Tyre, Half Shekel, Year 169, 43/44 AD.....                     | 444 |
| 5.42 | Tyre, Half Shekel, Year 170, 44/45 AD.....                     | 445 |
| 5.43 | Tyre, Half Shekel, Year 171, 45/46 AD.....                     | 446 |
| 5.44 | Tyre, Half Shekel, Year 172, 46/47 AD.....                     | 449 |
| 5.45 | Tyre, Half Shekel, Year 173, 47/48 AD.....                     | 451 |

|       |                                                                              |     |
|-------|------------------------------------------------------------------------------|-----|
| 5.46  | Tyre, Half Shekel, Year 176, 50/51 AD (year not reported).....               | 451 |
| 5.47  | Tyre, Half Shekel, Year 178, 52/53AD.....                                    | 452 |
| 5.48  | Tyre, Half Shekel, Year 181, 55/56 AD.....                                   | 452 |
| 5.49  | Tyre, Half Shekel, Year 182, 56/57 AD.....                                   | 453 |
| 5.50  | Tyre, Half Shekel, Year 183, 57/58 AD.....                                   | 453 |
| 5.51  | Tyre, Half Shekel, Year 184, 58/59 AD.....                                   | 454 |
| 5.52  | Tyre, Half Shekel, Year 190, 64/65 AD.....                                   | 454 |
| 5.53  | Tyre, Half Shekel, Year 191, 65/66 AD.....                                   | 455 |
| 5.54  | Tyre, Half Shekel, Year Crude and Illegible.....                             | 457 |
| 6.    | TYRE QUARTER SHEKELS, DCA 923 .....                                          | 467 |
| 6.1   | Tyre Quarter Shekel, Year 2, 125/124 BC .....                                | 467 |
| 6.2   | Tyre Quarter Shekel, Year 5, 122/121 BC .....                                | 467 |
| 6.3   | Tyre Quarter Shekel, Year 6, 121/120 BC .....                                | 468 |
| 6.4   | Tyre Quarter Shekel, Year 9, 118/117 BC .....                                | 468 |
| 6.5   | Tyre Quarter Shekel, Year 16, 111/110 BC .....                               | 468 |
| 7.    | TYRE EIGHTH SHEKELS, DCA 924 .....                                           | 469 |
| 7.1   | Tyre Eighth Shekel, Year 9, 118/117 BC .....                                 | 469 |
| 7.2   | Tyre Eighth Shekel, Year 10, 117/116 BC .....                                | 469 |
| 8.    | TYRE EIGHTH SHEKELS, DCA 925 .....                                           | 471 |
| 8.1   | Tyre Eighth Shekel, Year 9, 118/117 BC .....                                 | 471 |
| 9.    | TYRE FOUREES AND FORGERIES .....                                             | 473 |
| 9.1   | Tyre, Ancient Shekel Fourees .....                                           | 473 |
| 9.2   | Tyre, Modern Shekel Forgeries.....                                           | 478 |
| 9.3   | Tyre, Ancient Half Shekel Fourees.....                                       | 492 |
| 9.4   | Tyre, Modern Half Shekel Forgeries .....                                     | 493 |
| 10.   | ANALYSIS OF YEARS, MONOGRAMS AND PHOENICIAN LETTERS .....                    | 495 |
| 10.1  | An Inventory and Photographic Archive of Hoards .....                        | 495 |
| 10.2  | Compendium of Monograms .....                                                | 497 |
| 10.3  | Compendium of Phoenician Letters.....                                        | 507 |
| 10.4  | Frequency of Phoenician Letters By Year (Source: Museum Collections) ....    | 509 |
| 10.5  | Frequency of Shekels, Half Shekels By Year (Source: Museum Collections)..... | 513 |
| 10.6  | Frequency of Phoenician Letters By Year (Source: DCA-Tyre) .....             | 517 |
| 10.7  | Frequency of Shekels, Half Shekels By Year (Source: DCA-Tyre).....           | 521 |
| 10.8  | Counts from Museum Collections .....                                         | 525 |
| 10.9  | Counts from DCA-Tyre .....                                                   | 528 |
| 10.10 | Sources for the Archives .....                                               | 533 |
| 10.11 | Additional Shekels and Half Shekels, Years 79 to 190 .....                   | 535 |
| 11.   | APPENDIX - References.....                                                   | 545 |
| 12.   | APPENDIX - Auction Companies, Coin Dealers and Academic Organizations .....  | 547 |
| 13.   | ABOUT THE AUTHOR .....                                                       | 551 |



## 1. INTRODUCTION TO RELEASE 2

### Dated Coins of Antiquity

*Dated Coins of Antiquity* (DCA) is a substantially complete catalog of more than 6,000 dated coins struck before the lifetime of Jesus Christ. Where a coin series such as the Biblical shekel of Tyre crossed the millennium divide of 1 BC/AD 1, the catalog continued its listing to the last dated coin. A portion of the DCA section on Tyre (pages 501 to 515) contained a listing by date, including rarity and sources, for the silver shekels, half shekels, quarter shekels and eighth shekels bearing the local god Melkart. *DCA-Tyre* is a photographic supplement to DCA and is restricted to the silver shekels of Tyre and their lower denominations.

The mint at Tyre struck these coins nearly continuously for 191 years from 126 BC to 65/66 AD.<sup>[8]</sup> In addition to the date written with Greek letters, most of these coins also carried a monogram (usually also in Greek letters) and a Phoenician letter - Alef or Bet. This supplement provides photographic support to DCA. In several instances, this supplement confirms additional dates.

This photographic supplement to DCA is by no means complete. It encompasses 949 different varieties of these coins, defined by their varying dates, monograms, Phoenician letters and four denominations in silver. These include photographs for **622** shekels, **181** half shekels, **3** quarter shekels and **3** eighth shekels. In addition, there are photographs of **36** shekels and **18** half shekels with crude illegible dates. The remaining listings are citations from published collections and hoards, covered at the end of this introduction. The numbers preceding each coin listing in this photographic supplement are for the reader's convenience and could change in future releases of this supplement.

### Enhancements to Release 2

In Release 2 of this photographic supplement to DCA, the coverage for the shekels of Tyre has been considerably expanded. More than 300 additional photos of the shekels and half shekels have been added.

Fifteen photos of shekels from the Isfiya hoard, previously published by Cecilia Meir in *Israel Numismatic Research* (INR),<sup>[20][21][22]</sup> are reproduced by permission of INR and its editor Dr. Donald T. Ariel. Dr. Ariel is also Head of the Coin Department, Israel Antiquities Authority (IAA).<sup>1</sup> Dr. Yoav Farhi from the Hebrew University of Jerusalem and Myrna Pollak, the Publications Director, Institute of Archaeology of Tel Aviv University, have provided permission to reproduce selected photographs of coins found in the Qumran Plateau hoard.<sup>[10]</sup> Dr. Danny Syon has permitted reproducing photographs from his article in INR.<sup>[33]</sup> Several unpublished photos of half shekels were provided by courtesy of the Hecht Museum, University of Haifa, Israel. Photographs for each of these coins from journals and museums are fully attributed to their source.

In this release of DCA-Tyre, Dr. Brooks Levy, curator of the numismatic collection at the Princeton University Firestone Library (1967 - 2004), and Danny Herman, a private tour guide of archaeological sites in Israel, have permitted me to reproduce in their entirety their extensive list of reported dates for the shekels and half shekels. Mr. Herman's drawings of the monograms and forms of the Phoenician letters, and the frequency distributions by year (Section 10.2) are especially enlightening. A complete list of their sources is presented in Section 10.10.

---

1. Numbers in square brackets refer to the references listed in Section 11. Numbers in superscript without brackets are footnotes.

A substantial number of Mr. Herman's coin images are owned by the Israel Antiquities Authority (IAA) and the Hecht Museum. Each organization has provided their permission to me to publish a limited number of these photos where they retain the publishing rights. The name of each organization is identified with each photo. In several instances, the IAA possessed coin images from the Qumran hoard. The IAA could not grant permission to reproduce these photos, and they are excluded from DCA-Tyre. For previously published coin images in DCA-Tyre where the coin originated from the Qumran hoard, the publishing author or organization granted permission to reproduce the image.

Among the dates of the 191 shekels listed in Release 1, the reported year 112 has been withdrawn (see Section 2.105) while year 191 (on the cover and Coin No. 682) is confirmed and leaves **182** out of 191 reported years for the shekel. Eight more half shekels, years 3, 30, 34, 57, 59, 122, 153 and 158 are confirmed (No. 725, 746, 750, 794, 796, 830, 867 and 875). However, seven dates for the half shekel are no longer confirmed - years 85, 95, 103, 133, 148, 151 and 176 (see Section 4.47 and Section 4.52). Newly reported overdates with photographs for both the shekel and half shekel continue to be identified.

Based on the additional varieties, the proportion of shekels and half shekels with the Phoenician letters Alef and Bet is close to 40 percent Alef and 60 percent Bet. In addition, this release identifies several shekels where the Phoenician letters, Alef and Bet, are engraved over one another.

Additional years of the shekel with counterstamps are reported and illustrated. These exist in two varieties, a star and the Greek letter Θ (theta). Also, a shekel of year 168 (No. 619) appears struck over another coin.

A new section has been added on ancient and modern forgeries for the shekel and half shekel.

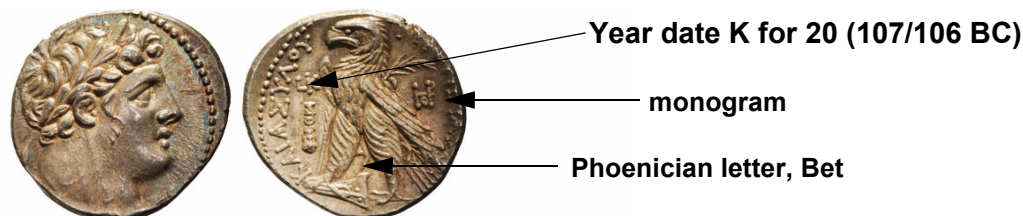
The numbering of the coins in this supplement has changed to account for the large increase in photographs since Release 1.

### Year Dates

Before proceeding with several findings, a brief description will explain how to identify the dates, monograms and Phoenician letters on these coins. Referring to Figure 1-1, the year is expressed in Greek numerals using the local era of Tyre, where year 1 occurred in 126/125 BC. A monogram composed of joined Greek letters that often repeated on these coins for several years appeared to the right of the eagle. Either of the first two letters of the Phoenician alphabet, Alef (𐤀) or Bet (𐤁), can also be seen between the legs of the eagle for the duration of the series through year 191 (65/66 AD).<sup>2</sup> Section 10.3 shows graphics that illustrate the different forms of these two letters on the shekels and half shekels.

---

2. There is one significant error that I need to correct from DCA. Dr. Brooks Levy had shared with me her personal notes on the shekels and half shekels of Tyre. In DCA, I misquoted her reference for a half shekel of year 191 as a shekel of this year. However, this release of DCA-Tyre reports confirmation of this date for the shekel (Coin No. 682). The half shekel of year 191 is also shown in photo No. 922.



**Figure 1-1. Shekel of Tyre - Placement of the date, monogram and Phoenician letter from year 1 (126/125 BC) to year 111 (16/15 BC)**

The dating system required 27 symbols. Since the Greek alphabet had only 24 letters, the Greeks borrowed three additional letters from the Phoenician alphabet and treated them as numerals.<sup>3</sup> These three numerals appear among the others in Table 1-1. They are digamma (Ϝ) for 6, koppa (Ϟ) for 90 and San (Ϛ) for 900. The form for two these symbols took various forms on the coins of Tyre - for 6, Ϝ and ϝ, and for 90, Ϟ and ϟ. The highest letter-value appearing on the Tyre shekels and its smaller denominations was 100, P.

The order of representing the digits in the date is right to left until year AO (71, 56/55 BC). The following year OB (72) for the duration until year 191 the Greek numerals changed to left to right.<sup>4</sup> With few exceptions, the Egyptian hieroglyphic L preceded the date when it consisted only of a single letter, such as years 1 to 9, 20, 30, etcetera. This device was likely meant to distinguish the letter as a numeral.

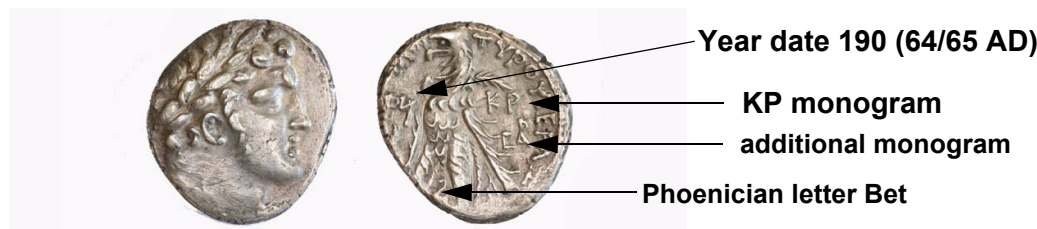
**Table 1-1. Greek letters used in the Greek numbers**

|          |     |     |     |     |     |      |     |     |      |
|----------|-----|-----|-----|-----|-----|------|-----|-----|------|
| Units    | A   | B   | Γ   | Δ   | E   | Ϝ, ϝ | Z   | H   | θ    |
|          | 1   | 2   | 3   | 4   | 5   | 6    | 7   | 8   | 9    |
| Tens     | I   | K   | Λ   | M   | N   | Ξ    | O   | Π   | Ϟ, ϟ |
|          | 10  | 20  | 30  | 40  | 50  | 60   | 70  | 80  | 90   |
| Hundreds | P   | Σ   | T   | Υ   | Θ   | X    | Ψ   | Ω   | Ϛ    |
|          | 100 | 200 | 300 | 400 | 500 | 600  | 700 | 800 | 900  |

3. An appendix of DCA explained how the Phoenician mints including Tyre probably switched to a different alphabetic sequence of Greek letters (and therefore different numeric values) by 257/256 BC. In brief, they added the letter digamma after E. This addition to the alphabet increased the letter values beyond E by 1.
4. In my forthcoming article,<sup>[8]</sup> I reported that the order of writing Greek numerals for the year followed geographic patterns for most ancient coins and in particular for the autonomous shekels and half shekels of Tyre. In 55/54 BC, Tyrian autonomous era year 72, the Greek letters forming the date on the silver Tyrian shekels changed order for the duration of these coins. Before this year, the order of the numerals matched that on most other coins of Phoenicia. Afterward the order followed that on most coins struck in the southern Levant. One application of this numerical history confirms the consensus that Tyre struck all the shekels and half shekels naming the mint.



Starting in year 113 (14/13 BC), an additional symbol KP usually appeared above the monogram, sometimes below it. As shown in Figure 1-2, from this year KP is in addition to the date, monogram and Phoenician letter.



**Figure 1-2. Shekel of Tyre - Consistent KP monogram with an additional varying monogram, starting year 113, 14/13 BC, and ending in year 191 (65/66 AD) for the shekel. The half shekel also continued to year 191.**

In an area of numismatics where there has been no complete record of the coins, numerous articles have attempted to list the dates of issue and explain the meaning of the monograms and Phoenician letters. While DCA touched on these topics, expressed opinions, and presented an indication of rarity for each date, this supplement primarily presents the evidence, the coins themselves. This introduction to the supplement summarizes basic data about what can be confirmed by an examination of the coins.

*Roman Provincial Coinage* (RPC) made the conjecture that nearly all the dates for shekels will eventually be confirmed.<sup>[3][4]</sup> This prophesy appears likely for the shekels while not so for the lesser denominations. Table 1-2 summarizes my count of confirmed dates for each denomination. Only slightly more than half the dates for the half shekels have been confirmed. In addition, the variety of half shekels is only a fourth of those as seen on the shekels. The lesser denominations have survived in only small numbers.

The Table of Contents lists the years where a date is confirmed. DCA-Tyre shows either photographs of the coin variety or a published citation for the coin. A citation for a reference without a photograph should be considered a reluctant confirmation of the date or monogram because so many on closer examination are misread. The reader can judge for him/herself my readings of dates from the photographs. For example, the British Museum Catalog (BMC) usually contained only date listings and hand-drawn monograms; among them, BMC reported an unillustrated shekel dated year 191, but Dr. Brooks Levy reported on personal examination that this coin was actually year 155.<sup>[16]</sup>

Among the **182** confirmed dates for shekels in this supplement, there are **179** dates with photographs, and citations without photographs for the remainder. In brief, these are the nine year dates that are not yet confirmed for the shekels: years 44, 56, 75, 76, 77, 90, 91, 112, and 119. No half shekels of these years have been reported as well. Far fewer dates for the half shekel are confirmed - only **108** out of a possible 191 years. DCA-Tyre shows photos for **99** of these half shekels. Indeed, since no half shekels are reported for the twenty-six-year period, year 60 through year 85, this interval might represent a complete cessation for this denomination.

**Table 1-2. Confirmed dates, monograms and Phoenician Letters on the four denominations of Tyre silver coins**

|                                                                       | Shekels                     | Half Shekels                | Quarter Shekels       | Eighth Shekels        |
|-----------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------|-----------------------|
| <b>Confirmed dates</b>                                                | <b>182 out of 191 years</b> | <b>108 out of 191 years</b> | <b>5 years</b>        | <b>2 years</b>        |
| <b>Confirmed combinations of date, monogram and Phoenician letter</b> | <b>682 combinations</b>     | <b>200 combinations</b>     | <b>5 combinations</b> | <b>3 combinations</b> |

### Overdates

There are at least eight known shekels with overdates, year 37 over 35 (No. 129), year 84 over 83 (No. 279), year 88 over 87 (No. 306), year 117 over 115 (No. 434), year 153 over 151 (No. 548), year 169 over 168 (No. 626), year 174 over 173 (No. 647) and year 176 over 175 (No. 656). An overdate also appears on the half shekels, year 117 over 115 (No. 828) and possibly year 88 over 87 (No. 802). Note that overdates appear on both the shekel and half shekel for year 117.

### Counterstamps

Counterstamps on the shekels have been reported in two varieties. At least nine different varieties of shekels are known with a star counterstamp on the bust of Melkart. There is no evidence that adequately explains the meaning of this star. The star appears on shekels for year 92 (No. 316), year 94 (No. 329), year 99 (No. 346), year 100 (No. 350), year 102 (No. 356), year 103 (No. 361 and No. 362), year 107 (No. 389) and year 115 (No. 426). Mark Casola reported the shekel of year 92. The Israel Antiquities Authority provided the photos for years 102 and 107. Other photos are from the market.


Two shekels, where the Greek letter Θ (theta) was impressed into the die before striking, were previously published by Cecilia Meir.<sup>[21]</sup> These are Coin No. 622 and Coin No. 627 in this release of DCA-Tyre.

### Overstrike




A shekel of year 168 (No. 619) appears struck over another coin.

### Monograms

There are nearly 60 distinct monograms plus additional minor varieties among the four denominations, and all are represented on coins in this supplement. A lone monogram appeared on the reverse of every denomination starting with year 1 until year 111. The mint applied two monograms on the shekels or half shekels in any year from 113 to 191. From years 1 to 4, the position of a monogram on the reverse varied but generally stabilized to the right of the eagle after these years. On a unique variety of year 73, Coin No. 250, the monogram is on both sides of the coin.

The demarcation for the ubiquitous **KP** monogram occurred over thirteen years. A stylized **KPA** monogram, () first appeared in year 101 (26/25 BC), Coin No. 354. This monogram appeared consistently each year

from year 104 through year 111 (16/15 BCE, No. 409). Additional monograms also appeared in this latter eight-year period. The **KP** monogram first appeared in year 113 (14/13 BC, No. 414) and each year thereafter. A shekel was reported in DCA-Tyre Release 1 for year 111 (PIA) that displayed the **KP** monogram with an unclear monogram below it (No. 416). However, this coin has been reinterpreted as year 114 (PIΔ). The reason is that the Greek dates for year 111 (PIA) and 114 (PIΔ) appear similar, and new evidence has indicated that all shekels of year 112 were reported in error in the literature (see Section 2.105). Without a sound confirmation of a shekel with year 112, it is assumed that the earliest appearance of the **KP** monogram is year 113.<sup>5</sup> From year 113 until cessation of the shekels and half shekels, a fixed monogram **KP** accompanied a second one that varied from year to year.

Individual monograms on the shekel and its fractions reoccurred over years. Most monograms starting with year 1 reappeared for several years until disappearing to be replaced by others until year 111, the last year when the shekels showed only one monogram. At least three monograms transcended year 113 when **KP** is first observed. Monogram **BN** is confirmed in various years from year 97 through 116; the monogram  from year 35 to 115, and monogram  from year 97 to 149. In several instances, new monograms accompanied the **KP**. For example, the monogram (**I**) appeared with **KP** for the first time in year 113 and continued into year 115. Section 10.2 covers the changes in monograms for the duration of the shekels and half shekels.

### Phoenician Letters

Between the legs of the eagle, there usually appeared either one of the first two letters, Alef or Bet, of the Phoenician alphabet. These letters first appeared in years 2 and 4 on the shekel and half shekel respectively. After these years, either or both Alef or Bet appeared in the same year and even occasionally with the same monogram. Among the photographs, where two shekels or half shekels are identical except for the Phoenician letters, the text will specifically highlight the pair. The appearance of Bet outnumbered the Alef on the shekels and half shekels by about three to two.<sup>6</sup> Table 1-3 shows the distribution of Alef and Bet on the different denominations. These counts included the appearance of Alef or Bet for every date and monogram combination. Where the Phoenician letter was not clear, the coin was not counted in this survey; about twenty percent of the shekels and half shekels lacked a readable Phoenician letter.

In several instances, there is Alef or Bet engraved over one another, for example, Coin No. 120. Although the text under the figures with these dual Phoenician letters typically say “Bet over Alef”, there is no intention to imply that Bet is engraved over Alef rather than Alef over Bet. However, sometimes the Bet is clearly engraved over an Alef, as with Coin No. 120. This double application of the Phoenician letters can be seen on the shekels for year 34 (Coin No. 120), year 57 (Coin No. 196), year 65 (Coin No. 219), year 109 (Coin No.

5. In 1982, Ya'akov Meshorer reported the transition of the KAP to KP monograms.<sup>[23]</sup> In 2004, Weiser and Cotton published a detailed historical background on the Roman mints of Syria and Phoenicia, and transition to these monograms.<sup>[35]</sup> This supplement to DCA provides additional photographic support to their observations.<sup>[23]</sup> David Hendin cataloged the start of the KP monogram series at year 108<sup>[11]</sup> while Cohen in DCA gave year 109. As noted above, variations of the KAP (and other) monograms from year 101 to 111 preceded the KP monogram, which first appeared on shekels and half shekels in year 113. No shekels or half shekels have been reported for year 112 from archaeological or market sources. Section 2.105 clarifies an erroneous report for shekels of year 112.

6. The incidence of Bet is about 50% more than Alef. Therefore, it is less likely that these letters refer to the half year of minting. Possibly, they indicated divided operations within the mint of Tyre.<sup>[8]</sup>

401), year 135 (Coin No. 485) and year 161 (Coin No. 587). So far, there appears to be no over-engraving of the Phoenician letters on the half shekels.

**Table 1-3. Incidence of the Phoenician Letter Alef or Bet on the four denominations of Tyre silver coins. A coin with different date, monogram, and Phoenician letter is counted once. Coins where the Phoenician letter does not appear or is illegible are not counted in the tally.**

|                               | Shekels    | Half Shekels | Quarter Shekels | Eighth Shekels |
|-------------------------------|------------|--------------|-----------------|----------------|
| <b>Phoenician letter Alef</b> | <b>220</b> | <b>59</b>    | <b>0</b>        | <b>0</b>       |
| <b>Phoenician letter Bet</b>  | <b>356</b> | <b>96</b>    | <b>3</b>        | <b>3</b>       |

### Hoard

Hoard of shekels and half shekels have been discovered near Israeli and Lebanese cities. In all, over 5,000 shekels and half shekels have been recovered, nearly 90 percent from the Isfiya hoard buried near Haifa.<sup>[20][21]</sup> Table 1-4 shows additional hoards where the dates but not necessarily the monograms have been published.<sup>[9]</sup> Other published hoards containing shekels and half shekels usually reported only quantities of coins in the hoards. Where a photo is lacking in this supplement, reference is made to a hoard coin or publication. The full citation for the hoards can be found in the Bibliography under the listed author. In several instances, the author of DCA-Tyre (Cohen) has had access to a photographic archive for these and other hoards of shekels and half shekels. Their content might not duplicate precisely the published hoards listed in Table 1-4. The range of dates for these hoards is reported in Section 10.1.

**Table 1-4. Hoards containing shekels or half shekels where the dates and sometimes monograms were published**

| <b>Hoard Site</b>    | <b>Location</b>              | <b>Contents</b>             | <b>Earliest date (Tyre Era)</b> | <b>Latest date (Tyre Era)</b> | <b>Hoard Discovery Year</b> | <b>Author Citation (see Bibliography)</b> |
|----------------------|------------------------------|-----------------------------|---------------------------------|-------------------------------|-----------------------------|-------------------------------------------|
| <b>Bir-Zeit</b>      | north of Ramallah, West Bank | 54 shekels                  | 137                             | not reported                  | 1940                        | Sukenik <sup>[32]</sup>                   |
| <b>Gamla</b>         | Golan Heights                | 20 shekels                  | not reported                    | 118                           | 1987                        | Syon <sup>[34]</sup>                      |
| <b>Horbat 'Aqrav</b> | Upper Galilee                | about 40 coins, 20 reported | 1                               | 7                             | 1970                        | Syon <sup>[33]</sup>                      |



**Table 1-4.** Hoards containing shekels or half shekels where the dates and sometimes monograms were published

| <b>Hoard Site</b>  | <b>Location</b>    | <b>Contents</b>                  | <b>Earliest date (Tyre Era)</b> | <b>Latest date (Tyre Era)</b> | <b>Hoard Discovery Year</b> | <b>Author Citation (see Bibliography)</b>            |
|--------------------|--------------------|----------------------------------|---------------------------------|-------------------------------|-----------------------------|------------------------------------------------------|
| <b>Isfiya</b>      | near Haifa         | 3400+ shekels, 1000 half shekels | 87                              | 179                           | 1960                        | Meir <sup>[20][21][22]</sup>                         |
| <b>Ophel</b>       | north of Jerusalem | ?                                | 87                              | 145                           | before 1936                 | (1) Hill <sup>[13]</sup><br>(2) Ariel <sup>[1]</sup> |
| <b>Qumran</b>      | West Bank, Red Sea | 272 shekels, 129 half shekels    | 11                              | 118                           | 1955                        | Sharabani <sup>[30]</sup>                            |
| <b>Ramat Rahel</b> | Jerusalem          | 15 shekels                       | 89                              | 116                           | 2008                        | Farhi, et al. <sup>[9]</sup>                         |



### Rarity Ratings

The catalog numbers listed in the chapter headings (such as DCA 919) refer to the coin number in the Tyre section of *Dated Coins of Antiquity* (DCA), which presented a rarity rating of each date and citations. In my experience, the number of monograms for a specific date does not necessarily correlate with the current rarity of that date in the market. For example, shekels of year 32 are not rare but DCA-Tyre reports only one monogram for this date. Although DCA-Tyre reports varieties observed both in public collections and the market, it is a work in progress to display all the varieties. The yearly rarity ratings presented in the Tyre section of DCA, gathered from market sales, might be representative of the market. However, additional years have been reported since publication of DCA and are listed in DCA-Tyre.

The rarity of shekels or half shekels for a particular year is hard to pin down. It depends on the sample of shekels under review. Among the largest hoards, Isfiya and Qumran, each yielded their own frequency distribution of years, mostly of the KP type. Including coins with unclear dates, the Israel Antiquities Authority retains a mix of 800+ shekels and half shekels from the Isfiya hoard from the original 4400+ coins. Most of the remainder probably entered the market. Section 10.4 and Section 10.5 show the combined frequency distribution in graphical and tabular format for several hoards, including the IAA's Isfiya coins, prepared by Mr. Herman. In all, this group consists of more than 1,800 shekels and half shekels, mostly retained in public collections. His distributions included duplicate varieties as defined by DCA-Tyre. The combined frequency distributions of these hoards probably indicate approximately what can be encountered in the market.

A summary of counts in graphical and tabular format for the shekels and half shekels cataloged in the body of DCA-Tyre appears in Section and Section 10.7. The photo collection in DCA-Tyre, Release 2, suggests a different frequency distribution by year than those by Mr. Herman's museum review because DCA-Tyre shows only single varieties of any year although it attempts to depict all the varieties from all sources.

### Completeness of DCA-Tyre

How well does DCA-Tyre present all the varieties of Tyre shekels or half shekels that were ever struck? One response depends on the monogram under consideration. Figure 10-4 and Table 10-2 in Section 10.2 summarize the primary monograms by year as represented in the photo section of DCA-Tyre. If we consider a typical example, Monogram  appears on shekels and half shekels for every year from 169 to 188. However, in two isolated years 130 and 144 this monogram also occurs. It is not clear whether the gaps in years indicate that no shekels or half shekels with this monogram were struck in the intervening years, or DCA-Tyre has not encountered the missing coins. The duration of several monogram series seems more clear. For example Monogram  is recorded for 7 straight years, 63 through 69 except for one intervening year 68. Tyre probably struck the missing year with this monogram, but DCA-Tyre has not yet encountered one. If we assume that Tyre used a particular monogram every year from its first to last appearance, then a calculation based on all the monograms in Table 10-2 would indicate that DCA-Tyre encompasses about 30 percent of the original varieties that Tyre struck. This assumption is likely too conservative because a lapse for a monogram would last decades. The actual completeness of DCA-Tyre is probably significantly greater than 30 percent.

### Acknowledgments

My date and rarity listing in DCA for the shekels and half shekels of Tyre seemed to bring the most interest from the dealer, collector and archaeology communities while I gathered material for this supplement. The staff at Classical Numismatic Group (CNG) shared their information and advice on digital photography during many long discussions. Travis Markel from CNG was generous in filling out many of my missing photographs and improving layouts of graphic design. Ken McDevitt, Numismatist at CNG, provided numerous stylistic changes and alerted me to additional coins for this supplement. Dr. Constantin Marinescu, Vilmar Numismatics, has provided numerous photos and editorial comments that improve the readability of DCA-Tyre. For this photographic supplement, Frank Kovacs generously shared photographs of his complete date set of shekels spanning the lifetime of Christ, about years 122 to 159 (5/4 BC to 33/34 AD). Jonathan Kern and Ed Waddell followed the development of DCA and offered new listings and photographs of previously unlisted dates. I thank David Vagi of Numismatic Guaranty Corporation (NGC) for providing photos of numerous shekels and half shekels and bringing the shekel of year 191 to my attention.

Nearly 20 years ago, Dr. Brooks Levy showed me the coins in the trays of the Princeton University's Firestone Library where she was the curator. At that time she shared with me her extensive personal listings of nearly 800 dated shekels and half shekels of Tyre. Dr. Levy recently granted me permission to publish her work, which appears in Section 10.10. I have only started to examine the coins from her document and integrate new varieties into the body of this photographic supplement. The citations in her list refer to coins from museum collections, hoards, auctions and fixed-priced lists. The list is arranged by date but lacks information on monograms and Phoenician letters. I invite researchers to help me examine the coins in these collections and provide me with additional photographs for DCA-Tyre.

As described earlier in this Introduction, Danny Herman laid the foundation for the analyses of the monograms. His photographic collection of the shekels and half shekels plus additional citations based primarily on public collections have added greatly to this release of DCA-Tyre. He generously gave me permission to use any of his research. In most instances, I have acquired permission from his original sources to use his photographic scans from museum inventory cards. In DCA-Tyre, I have identified the original sources of these photographs. Where I could not gain permission, I did not show the photograph in DCA-Tyre.

Many of my other colleagues in numismatics helped me in their generous sharing of photographs and new date listings. Dealers, auctioneers, academic organizations and collectors provided permission to use their coin photographs. They are listed in Section 12 of this supplement and in *Dated Coins of Antiquity* whenever a new date listing came from one of their sale catalogues or web listings. I have letters of permission from the listed companies and apologize if I have overlooked the acquisition of a permission.

The author welcomes receiving citations or Internet addresses for photographs with unlisted dates or monograms where there are no copyright violations. Please send to **edw\_cohen@yahoo.com**

**Edward E. Cohen, 2017**

*Dated Coins of Antiquity* can be purchased at the following websites or that of other coin dealers distributing this book.

#### **United States**

##### **Classical Numismatic Group**

<http://www.cngcoins.com/Coin.aspx?CoinID=190860>

##### **Charles Davis**

[https://www.vcoins.com/en/stores/charles\\_davis/44/product/cohen\\_dated\\_coins\\_of\\_antiquity\\_a\\_comprehensive\\_catalogue\\_of\\_the\\_coins\\_and\\_how\\_their\\_numbers\\_came\\_about/106648/Default.aspx](https://www.vcoins.com/en/stores/charles_davis/44/product/cohen_dated_coins_of_antiquity_a_comprehensive_catalogue_of_the_coins_and_how_their_numbers_came_about/106648/Default.aspx)

##### **Forum Ancient Coins**

<http://www.forumancientcoins.com/catalog/roman-and-greek-coins.asp?vpar=516&zpg=73805>

#### **France**

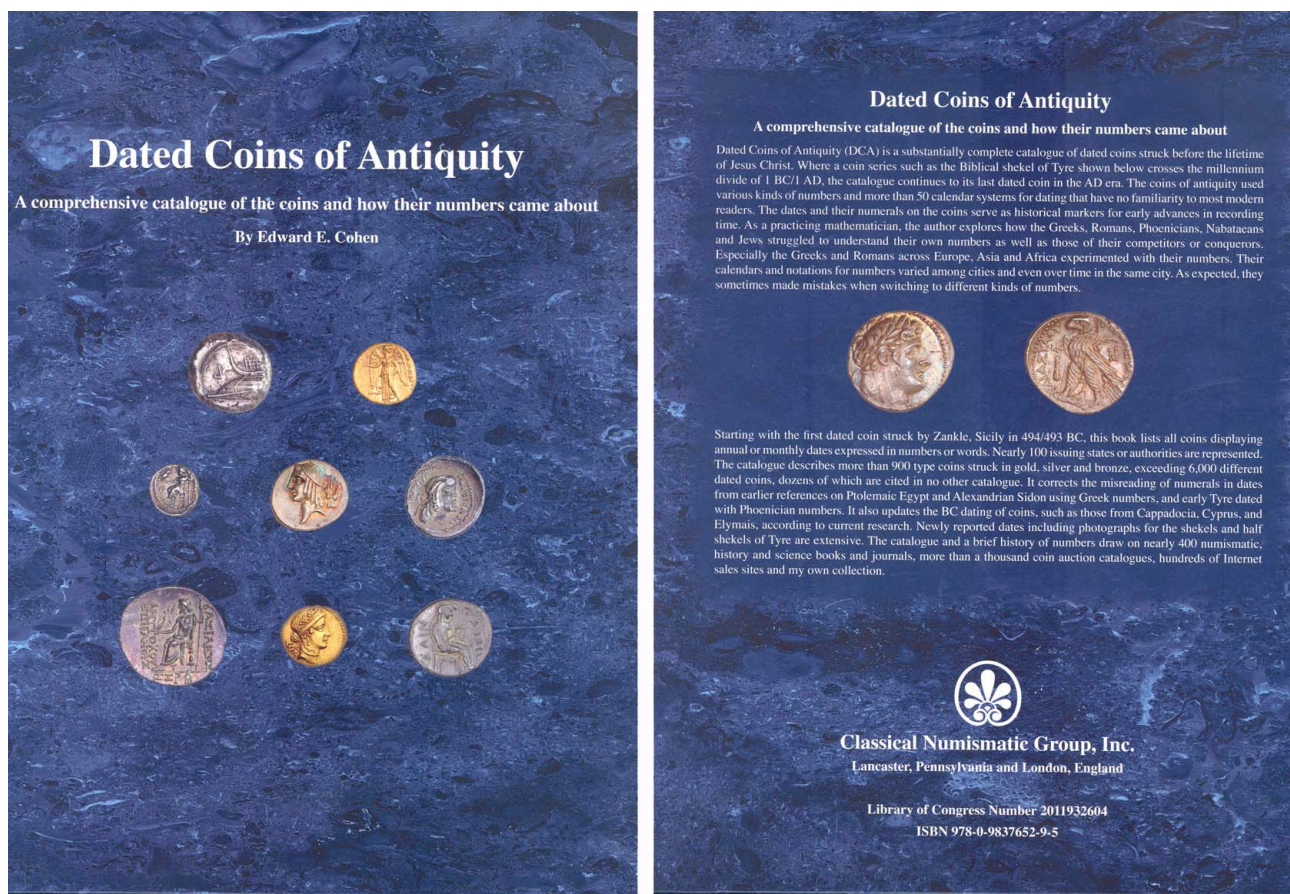
##### **CGB Numismatique**

<http://www.cgb.fr/dated-coins-of-antiquity-a-comprehensive-catalogue-of-the-coins-and-how-their-numbers-came-about-cohen-edward-e-,Ld073,a.html>


#### **Germany**


##### **Paul-Francis Jacquier**


<http://www.ma-shops.com/jacquier/item.php?id=1144&lang=en>




**Figure 1-3. Front and back cover for *Dated Coins of Antiquity*, hardbound, 656 pages including appendices, drawings, maps, charts and other illustrations; 981 cataloged coin type types of dated coins illustrated and more than 6,000 individually dated coins listed**

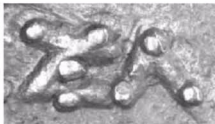






Coin No. 919 (year 20, K)





Coin No. 919 (Overdate, year 37 over 35, Z over E)

Tyre, 126 BC - 19 BC

Obverse: Head of Herakles (Melqart)

Reverse: Eagle standing left. Date to left.

ΤΥΡΟΥ ΙΕΡΑΙΣΚΑΙ ΑΣΥΛΟΥ

Silver One Shekel, 30 mm, 14 gm, Common

| BC<br>Year | Greek<br>Add.<br>Date<br>← | Greek<br>Add.<br>Date<br>→ | Era<br>of<br>Tyre | Date<br>Rarity | Coin No. 919                                            |
|------------|----------------------------|----------------------------|-------------------|----------------|---------------------------------------------------------|
| 126/125    | A                          |                            | 1                 | C              | BMC 26.233.44 <sup>[89]</sup>                           |
| 125/124    | B                          |                            | 2                 | C              | BMC 26.233.45                                           |
| 124/123    | Γ                          |                            | 3                 | C              | BMC 26.234.47                                           |
| 123/122    | Δ                          |                            | 4                 | C              | BMC 26.234.51                                           |
| 122/121    | E                          |                            | 5                 | R2             | BMC 26.234.55                                           |
| 121/120    | ς                          |                            | 6                 | C              | BMC 26.235.58                                           |
| 120/119    | Z                          |                            | 7                 | C              | BMC 26.235.60                                           |
| 119/118    | H                          |                            | 8                 | R3             | BMC 26.235.63<br>CNG.76 9-12-2009 809                   |
| 118/117    | θ                          |                            | 9                 | C              | BMC 26.235.64                                           |
| 117/116    |                            |                            | 10                | C              | BMC 26.235.66                                           |
| 116/115    | A                          |                            | 11                | C              | BMC 26.236.70                                           |
| 115/114    | B                          |                            | 12                | R1             | BMC 26.236.73<br>CNGE 9-29-10 120                       |
| 114/113    | Γ                          |                            | 13                | C              | BMC 26.236.75                                           |
| 113/112    | Δ                          |                            | 14                | C              | BMC 26.237.79                                           |
| 112/111    | E                          |                            | 15                | R3             | BMC 26.237.81                                           |
| 111/110    | ς                          |                            | 16                | R1             | Rouvier 1990 <sup>[158]</sup><br>TRT.1 12-2-1997<br>575 |
| 110/109    | Z                          |                            | 17                | C              | BMC 26.237.82                                           |
| 109/108    | H                          |                            | 18                | C              | BMC 26.237.84                                           |
| 108/107    | θ                          |                            | 19                | C              | BMC 26.237.86                                           |
| 107/106    | LK                         |                            | 20                | C              | BMC 26.238.91                                           |
| 106/105    | AK                         |                            | 21                | R2             | BMC 26.239.98<br>HGA 1-6-07 50096                       |

Figure 1-4. Sample page of Tyre listing from *Dated Coins of Antiquity*

20



## 2. TYRE SHEKELS, DCA 919

### 2.1 Tyre Shekel, Year 1, 126/125 BC



No. 1 ) Shekel, Year 1, LA, no letter between legs,  
14.10 g, 29 mm



No. 2 ) Shekel, Year 1, LA, no letter between legs,  
14.20 g

## 2.2 Tyre Shekel, Year 2, 125/124 BC

Refer to Coin No. 956 for a reported forgery with the same monogram and Phoenician letter as the next shekel.



No. 3 ) Shekel, Year 1, LA, no letter between legs, 14.10 g, from the Horbat 'Agrav hoard, number 11, plate 2<sup>[33]</sup>



No. 4 ) Shekel, Year 2, LB, letter Bet between legs (just to left of left leg), 14.01 g






No. 5 ) Shekel, Year 2, LB, letter Bet between legs, 14.20 g, American University in Beirut, C1262

## 2.3 Tyre Shekel, Year 3, 124/123 BC



No. 6 ) Shekel, Year 3, LΓ, monogram and letter Bet between legs, 14.09 g

Table 2-1. Other Shekels for Year 3 (LΓ)

|         | Mono-gram                                                                             | Letter Between Legs of Eagle | Weight (grams) | Source |
|---------|---------------------------------------------------------------------------------------|------------------------------|----------------|--------|
| No. 7 ) |  | Bet                          | 14.22          | BMC 47 |

## 2.4 Tyre Shekel, Year 4, 123/122 BC

The next two shekels of year 4 (Δ) display the same monogram but different Phoenician letters, Alef and Bet, between the legs of the eagle.



No. 8 ) Shekel, Year 4, LΔ, monogram and letter Bet between legs, 14.11 g



No. 9 ) Shekel, Year 4, LΔ, monogram and letter Alef between legs, 14.14 g





**No. 10 ) Shekel, Year 4, L $\Delta$ , monogram and letter  
Bet between legs, 14.12g, 28 mm**

## 2.5 Tyre Shekel, Year 5, 122/121 BC

The next two shekels of year 5 (E) display the same monogram but different Phoenician letters, Alef and Bet, between the legs of the eagle.



**No. 11 ) Shekel, Year 5, L $\bar{E}$ , monogram and letter  
Alef between legs, 14.04 g**



No. 12 ) Shekel, Year 5, LE, monogram and letter  
Bet between legs, 14.2 g, 28 mm



No. 13 ) Shekel, Year 5, LE, monogram and letter  
Bet between legs, 12.96 g, from the Horbat  
'Aqrav hoard, number 19, plate 2<sup>[33]</sup>

Table 2-2. Other Shekels for Year 5 (LE)

|         | Mono-<br>gram | Letter<br>Between<br>Legs of<br>Eagle | Weight<br>(grams) | Source |
|---------|---------------|---------------------------------------|-------------------|--------|
| No. 14) | M             | Alef                                  | 14.13             | BMC 55 |



2.6 Tyre Shekel, Year 6, 121/120 BC



No. 15) Shekel, Year 6, L $\zeta$ , monogram and letter  
Bet between legs, 14.31 g, 28 mm



No. 16) Shekel, Year 6, L $\zeta$ , monogram and letter  
Bet between legs, unreported weight

**2.7 Tyre Shekel, Year 7, 120/119 BC**



**No. 17 ) Shekel, Year 7, LZ, letter Alef between legs, monogram to right, 14.16 g**



**No. 18 ) Shekel, Year 7, LZ, letter Alef between legs, monogram to right, unreported weight**

**2.8 Tyre Shekel, Year 8, 119/118 BC**



**No. 19 ) Shekel, Year 8, LH, letter Bet between legs, monogram to right, 13.56 g**



**No. 20 ) Shekel, Year 8, LH, letter Bet between legs, monogram to right, 14.27 g**

## 2.9 Tyre, Shekel, Year 9, 118/117 BC

Refer to Coin No. 957 for a possible low-weight forgery with the same monogram and Phoenician letter as the next shekel.



No. 21 ) Shekel, Year 9, LΘ, letter Bet between legs, 14.19 g



No. 22 ) Shekel, Year 9, LΘ, letter Bet between legs, 13.98 g



## 2.10 Tyre, Shekel, Year 10, 117/116 BC



**No. 23 ) Shekel, Year 10, L|, letter Bet between legs, 14.11 g**

For a forgery of year 10 with monogram ZB, see Coin No. 959.

The next two shekels of year 10 (|) display the same monogram but different Phoenician letters, Alef and Bet, between the legs of the eagle.



**No. 24 ) Shekel, Year 10, L|, letter Bet between legs, 14.24 g, 28 mm**



No. 25 ) Shekel, Year 10, L|, letter Alef between legs, unreported weight



No. 26 ) Shekel, Year 10, L|, letter Alef between legs, 14.05 g

Table 2-3. Other Shekels for Year 10 (L|)

|         | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source |
|---------|-----------|------------------------------|----------------|--------|
| No. 27) | W         | Alef                         | 13.58          | BMC 69 |

2.11 Tyre, Shekel, Year 11, 116/115 BC



No. 28 ) Shekel, Year 11, A|, letter Bet between legs, 14.36 g



No. 29 ) Shekel, Year 11, A|, letter Alef between legs, 14.24 g





**No. 30 ) Shekel, Year 11, A|, letter Bet between legs, 14.20 g**



**No. 31 ) Shekel, Year 11, A|, letter Bet between legs, 14.08 g, 27 mm**

**2.12 Tyre, Shekel, Year 12, 115/114 BC**



**No. 32 ) Shekel, Year 12, B|, letter Bet between legs, 14.28 g, 27 mm**

For a possible forgery of a shekel for year 12, see Coin No. 961. The latter has the same monogram and Phoenician letter as Coin No. 32.



**No. 33 ) Shekel, Year 12, B|, letter Bet between legs, 13.61 g**

### 2.13 Tyre, Shekel, Year 13, 114/113 BC

The next two shekels of year 13 (ΓΙ) display the same monogram but different Phoenician letters, Alef and Bet, between the legs of the eagle.



No. 34 ) Shekel, Year 13, ΓΙ, letter Alef between legs, 15.29 g



No. 35 ) Shekel, Year 13, ΓΙ, letter Bet between legs, 13.77 g



**No. 36 ) Shekel, Year 13, Γ|, letter Bet between legs, 14.23 g**

## 2.14 Tyre, Shekel, Year 14, 113/112 BC

The next two shekels of year 14 (Δ|) display the same monogram but different Phoenician letters, Alef and Bet, between the legs of the eagle.



**No. 37 ) Shekel, Year 14, Δ|, letter Bet between legs, 14.11 g**



No. 38 ) Shekel, Year 14, Δ|, letter Alef between legs, 13.45 g, 28 mm



No. 39 ) Shekel, Year 14, Δ|, letter Bet between legs, 14.15 g



## 2.15 Tyre, Shekel, Year 15, 112/111 BC




No. 40 ) Shekel, Year 15, E|, letter Bet between legs, 14.30 g

## 2.16 Tyre, Shekel, Year 16, 111/110 BC



No. 42 ) Shekel, Year 16, C|, letter Bet between legs, 14.35 g

Table 2-4. Other Shekels for Year 15 (LE|)

|         | Mono-gram                                                                           | Letter Between Legs of Eagle | Weight (grams) | Source |
|---------|-------------------------------------------------------------------------------------|------------------------------|----------------|--------|
| No. 41) |  | Bet                          | 14.21          | BMC 81 |

2.17 Tyre, Shekel, Year 17, 110/109 BC

Refer to Coin No. 962 for a reported forgery with the same monogram and Phoenician letter as the next shekel.



No. 43 ) Shekel, Year 16, ⚡, letter Bet between legs, 14.22 g



No. 44 ) Shekel, Year 17, ⚡, letter Alef between legs, 13.34 g



Table 2-5. Other Shekels for Year 17(⚡)

|         | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source |
|---------|-----------|------------------------------|----------------|--------|
| No. 45) | ⚡         | Bet                          | 14.13          | BMC 82 |





**No. 46 ) Shekel, Year 17, Ζ, letter Bet between legs, 13.55 g**



**No. 47 ) Shekel, Year 18, Η, letter Bet between legs, 14.29 g**



No. 48 ) Shekel, Year 18, H|, letter Bet between legs, 13.19 g



No. 49 ) Shekel, Year 18, H|, letter Alef between legs, 12.52 g, 29 mm

## 2.19 Tyre, Shekel, Year 19, 108/107 BC

The next two shekels of year 19 (Θ|) display the same monogram but different Phoenician letters, Alef and Bet, between the legs of the eagle.



**No. 50 ) Shekel, Year 19, Θ|, letter Alef between legs, 14.08 g, 31 mm**



**No. 51 ) Shekel, Year 19, Θ|, letter Bet between legs, 14.25 g**

The next two shekels of year 19, Θ|, (one of them listed in BMC) have the same monogram but different Phoenician letters, Alef and Bet.



No. 52 ) Shekel, Year 19, Θ|, letter Alef between legs, 13.02g



No. 54 ) Shekel, Year 19, Θ|, letter Bet between legs, 14.30g, 27 mm

Table2-6. Other Shekels for Year 19 (Θ|)

|         | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source |
|---------|-----------|------------------------------|----------------|--------|
| No. 53) | M         | Bet                          | 14.31          | BMC 90 |

**2.20 Tyre, Shekel, Year 20, 107/106 BC**



**No. 55 ) Shekel, Year 20, LK, no letter between legs, unreported weight**



**No. 56 ) Shekel, Year 20, LK, letter Bet between legs, 14.30 g**



The next two shekels of year 20 (K) have the same monogram but different Phoenician letters, Alef and Bet.



No. 57 ) Shekel, Year 20, LK, letter Alef between legs, 14.28 g, 27 mm



No. 58 ) Shekel, Year 20, LK, letter Bet between legs, 14.26 g, 30 mm



The next two shekels of year 20 (K) have the same monogram but different Phoenician letters, Alef and Bet.



**No. 59 ) Shekel, Year 20, LK, letter Alef between legs, 14.19 g, 28 mm**



**No. 60 ) Shekel, Year 20, LK, letter Bet between legs, 14.18 g**

## 2.21 Tyre, Shekel, Year 21, 106/105 BC

The next two shekels of year 21, AK, have the same monogram, different Phoenician letters, Alef and Bet.



**No. 61 ) Shekel, Year 21, AK, letter Alef between legs, 13.94 g**



**No. 62 ) Shekel, Year 21, AK, letter Bet between legs, 14.15g**



**No. 63 ) Shekel, Year 21, AK, letter Bet between legs, 14.37 g**

## 2.22 Tyre, Shekel, Year 22, 105/104 BC

The next two shekels of year 22, BK, have the same monogram but different Phoenician letters, Alef and Bet.



**No. 64 ) Shekel, Year 22, BK, letter Alef between legs, 14.19 g, 27 mm**




No. 65 ) Shekel, Year 22, BK, letter Bet between legs, 14.31 g




No. 66 ) Shekel, Year 22, BK, letter Alef between legs, 14.38 g



Table 2-7. Other Shekels for Year 22 (BK)<sup>a</sup>.

|         | Mono-gram                                                                            | Letter Between Legs of Eagle | Weight (grams) | Source  |
|---------|--------------------------------------------------------------------------------------|------------------------------|----------------|---------|
| No. 67) |  | Bet                          | 14.21          | BMC 102 |

a) BMC Phoenicia, page 239, number 102 said that the engraver changed the monogram from a die with  .




No. 68 ) Shekel, Year 22, BK, letter Alef between legs, 14.50g, 28 mm

## 2.23 Tyre, Shekel, Year 23, 104/103 BC



No. 69 ) Shekel, Year 23, ΓK, letter Bet between legs, unreported weight

Table 2-8. Other Shekels for Year 23 (ΓK)

|         | Mono-gram                                                                             | Letter Between Legs of Eagle | Weight (grams) | Source     |
|---------|---------------------------------------------------------------------------------------|------------------------------|----------------|------------|
| No. 70) |  | Alef                         | 14.4           | Paris 2048 |





**No. 71 ) Shekel, Year 23, ΓΚ, letter Bet between legs, 14.28 g**



**No. 72 ) Shekel, Year 23, ΓΚ, letter Alef between legs, 14.33 g, 28 mm**



## 2.24 Tyre, Shekel, Year 24, 103/102 BC

The next two shekels of year 24 (ΔK) have slightly different monograms and the same letter Bet.



**No. 73 ) Shekel, Year 24, ΔK, letter Alef between legs, 14.20 g**



**No. 74 ) Shekel, Year 24, ΔK, letter Bet between legs, 14.37 g**

The next two shekels of year 4, ΔK, have the same monogram but different Phoenician letters, Alef and Bet.



**No. 75 ) Shekel, Year 24, ΔK, letter Alef between legs, 14.30 g, CNG.63 692**



**No. 76 ) Shekel, Year 24, ΔK, letter Bet between legs, 14.21 g**



No. 77 ) Shekel, Year 24, ΔK, letter Alef between legs, 13.42g, 27 mm



No. 78 ) Shekel, Year 24, ΔK, letter Bet between legs, 14.21 g

Table 2-9. Other Shekels for Year 24 (ΔK)

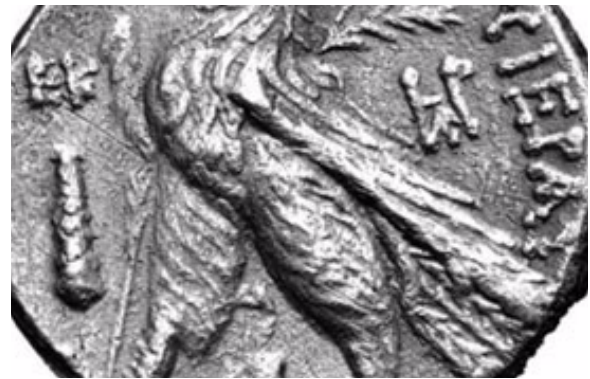
|         | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source  |
|---------|-----------|------------------------------|----------------|---------|
| No. 79) | Μ         | Bet                          | 14.42          | BMC 105 |

**2.25 Tyre, Shekel, Year 25, 102/101 BC**

Shekels No. 80 and No. 81 have the same date, year 25 (EK) but different Phoenician letters, Alef and Bet.



**No. 80 ) Shekel, Year 25, EK, letter Alef between legs, 14.27 g**



**No. 81 ) Shekel, Year 25, EK, letter Bet between legs, 13.73 g**



Shekels No. 82 and No. 83 have the same date, year 25 (EK) but different Phoenician letters, Alef and Bet.




**No. 82 ) Shekel, Year 25, EK, letter Alef between legs, 14.26 g**

## 2.26 Tyre, Shekel, Year 26, 101/100 BC



**No. 84 ) Shekel, Year 26, CK, letter Bet between legs, unreported weight**

**Table 2-10. Other Shekels for Year 25 (EK)**

|         | Mono-gram                                                                           | Letter Between Legs of Eagle | Weight (grams) | Source  |
|---------|-------------------------------------------------------------------------------------|------------------------------|----------------|---------|
| No. 83) |  | Bet                          | 14.13          | BMC 110 |

## 2.27 Tyre, Shekel, Year 27, 100/99 BC

The next two shekels of year 27 (ZK) differ only in the letter, Alef or Bet, between the legs of the eagle.



No. 85 ) Shekel, Year 26, ÇK, letter Bet between legs, 14.28 g, 28 mm



No. 86 ) Shekel, Year 27, ZK, letter Alef between legs, unreported weight, 27 mm





**No. 87 ) Shekel, Year 27, ZK, letter Bet between legs, 14.42 g**



**No. 88 ) Shekel, Year 27, ZK, Alef between legs, 14.42 g, 30 mm**



**No. 89 ) Shekel, Year 27, ZK, Bet between legs,  
14.25 g, 28 mm**

Coin No. 90 and Coin No. 91 are similar to Coin No. 89 except that the date is impaired on each. Possibly the date is an overdate from an earlier shekel.



**No. 90 ) Shekel, Year 27, ZK, Bet between legs,  
14.20 g**



**No. 91 ) Shekel, Year 27, ZK, unclear letter between legs, weight not reported**



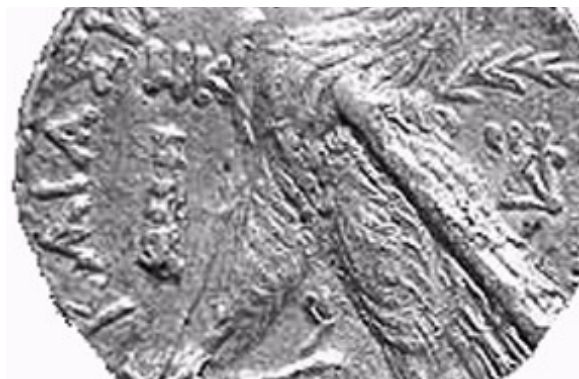
**No. 92 ) Shekel, Year 27, ZK, Alef between legs, 14.31 g, 30 mm**

## 2.28 Tyre, Shekel, Year 28, 99/98 BC

The next two shekels of year 28 (HK) have slightly different monograms and the same letter Bet.

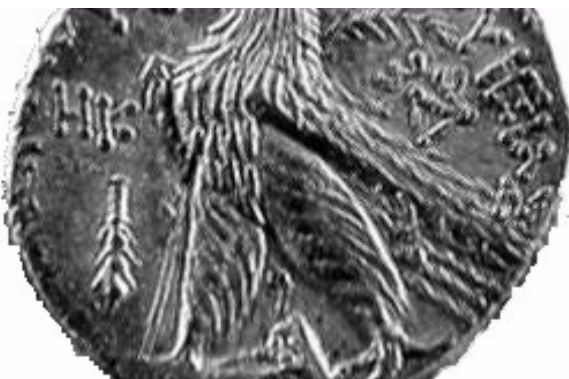


**No. 93 ) Shekel, Year 28, HK, letter Bet between legs, 14.3 g**



**No. 94 ) Shekel, Year 28, HK, letter Bet between legs, 14.41 g**

This next shekel of year 28 has the same monogram and Phoenician letter Bet as No. 94 but the club to the left of the eagle has a different style.



**No. 95 ) Shekel, Year 28, HK, letter Bet between legs, 14.42 g, 29 mm (Same monogram and letter as previous coin but different style club)**



**No. 96 ) Shekel, Year 28, HK, letter Bet between legs, 14.20 g**



**Tyre, Shekel, Year 28, 99/98 BC**

Next two shekels have same date and monogram but different Phoenician letters, Alef and Bet, between the legs of eagle



**No. 97 ) Shekel, Year 28, HK, letter Alef between legs, 14.55g, 28 mm**

**Dated Coins of Antiquity - Tyre**



**No. 98 ) Shekel, Year 28, HK, letter Bet between legs, 14.37 g, 29 mm**

The next two shekels of year 28 (HK) have the same monogram but different Phoenician letters between the legs of the eagle.

Also, refer to Coin No. 963 and Coin No. 964 for reported forgeries of year 28 with the same monogram as Coin No. 99.



**No. 99 ) Shekel, Year 28, HK, letter Alef between legs, 14.27 g, 30 mm**

## 2.29 Tyre, Shekel, Year 29, 98/97 BC

Refer to Coin No. 965 for a cast forgery of year 29 with the same monogram and Phoenician letter as the next shekel.



**No. 100 ) Shekel, Year 29, ΘK, letter Bet between legs, 14.34 g**



**No. 101 ) Shekel, Year 29, ΘK, letter Alef between legs, 13.67 g**

The next two shekels of year 29 differ only in the Phoenician letters, Alef and Bet, between the legs of the eagle.



**No. 102 ) Shekel, Year 29, ΘK, letter Bet between legs, 14.40 g**



**No. 103 ) Shekel, Year 29, ΘK, letter Alef between legs, 14.33 g**



**No. 104 ) Shekel, Year 29, ΘK, letter Bet between legs, 14.47 g**



No. 105 ) Shekel, Year 29, ΘK, letter Alef  
between legs, 14.49 g

### 2.30 Tyre, Shekel, Year 30, 97/96 BC

The next two shekels of year 30 differ only in the Phoenician letters, Alef and Bet, between the legs of the eagle.



No. 106 ) Shekel, Year 30, LA, letter Aleph  
between legs, 13.93 g, 29 mm





**No. 107 ) Shekel, Year 30, LΛ, letter Bet between legs, 14.02 g**



**No. 108 ) Shekel, Year 30, LΛ, letter Bet between legs, 14.30 g**



No. 109 ) Shekel, Year 30, LΛ, letter Alef between legs, 14.18 g



No. 110 ) Shekel, Year 30, LΛ, letter Bet between legs, 14.28 g

### 2.31 Tyre, Shekel, Year 31, 96/95 BC

The next two shekels of year 31, AΛ, have the same monogram but different Phoenician letters, Alef and Bet.



**No. 111 ) Shekel, Year 31, AΛ, letter Alef between legs, 14.20 g, CNG.60 937**



**No. 112 ) Shekel, Year 31, AΛ, letter Bet between legs, 14.42 g**



No. 113 ) Shekel, Year 31, AΛ, letter Bet between legs, 14.40 g



No. 114 ) Shekel, Year 31, AΛ, letter Alef between legs, 14.26 g

### 2.32 Tyre, Shekel, Year 32, 95/94 BC

Coin No. 115 and Coin No. 116 have the same date, year 32 (**ΒΛ**), and monogram but different Phoenician letters between the legs of the eagle. In addition, refer to Coin No. 966 and Coin No. 967 for cast forgeries with the same monogram and Phoenician letter Alef as the next shekel.



**No. 115 ) Shekel, Year 32, ΒΛ, letter Alef between legs, 14.25 g**



**No. 116 ) Shekel, Year 32, ΒΛ, letter Bet between legs, 14.04 g**



The numeral B in the year (BΛ) on Coin No. 117 is a variant of that used on Coin No. 116.



**No. 117 ) Shekel, Year 32, BΛ, letter Bet between legs, 14.29 g, 28 mm**

### 2.33 Tyre, Shekel, Year 33, 94/93 BC

The next two shekels of year 33 differ only in the Phoenician letters, Alef and Bet, between the legs of the eagle.



**No. 118 ) Shekel, Year 33, ΓΛ, letter Alef between legs, 14.28 g**

### 2.34 Tyre, Shekel, Year 34, 93/92 BC

The next three shekels of year 34 differ only in the Phoenician letters, Alef and Bet, between the legs of the eagle. There is both an Alef and Bet on Coin No. 120.



No. 119 ) Shekel, Year 33, ΓΛ, letter Bet between legs, 14.23 g, 28 mm



No. 120 ) Shekel, Year 34, ΔΔ, letter Bet over Alef between legs, 14.40 g



No. 121 ) Shekel, Year 34, ΔΔ, letter Bet between legs, 14.44 g



2.35 Tyre, Shekel, Year 35, 92/91BC



No. 122 ) Shekel, Year 35, EΔ, letter Bet between legs, 14.43 g



The next two shekels of year 35, EΛ, have the same monogram but different Phoenician letters, Alef and Bet.

Note a forgery, Coin No. 968, of the following shekel of year 35.



**No. 123 ) Shekel, Year 35, EΛ, letter Alef between legs, 14.38 g**

Refer to Coin No. 968 for a possible forgery with the same monogram and Phoenician letter Bet as the next shekel. Characteristics of the forgery are given.



**No. 124 ) Shekel, Year 35, EΛ, letter Bet between legs, unreported weight, 28 mm**

### 2.36 Tyre, Shekel, Year 36, 91/90 BC

The next two shekels of year 36,  $\zeta\Lambda$ , have the same monogram but different Phoenician letters, Alef and Bet.



No. 125 ) Shekel, Year 36,  $\zeta\Lambda$ , letter Alef  
between legs, 14.20 g



No. 126 ) Shekel, Year 36,  $\zeta\Lambda$ , letter Bet  
between legs, 14.36 g



### 2.37 Tyre, Shekel, Year 37, 90/89 BC

The next two shekels of year 37, ZΛ, have the same monogram but different Phoenician letters, Alef and Bet.

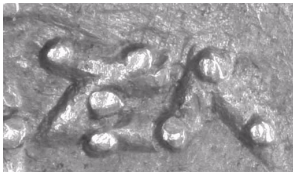


**No. 127 ) Shekel, Year 37, ZΛ, letter Alef between legs, 14.22 g**



**No. 128 ) Shekel, Year 37, ZΛ, letter Bet between legs, 14.30 g**

No. 129 is the first of several shekels with an overdate, year 37 over 35 where the 7 (Z) appears engraved over the 5 (E).



**No. 129 ) Shekel, Year 37, ZΛ, over 35, (Z over E), letter Alef between legs, 14.37 g, 30 mm**

The next two shekels of year 37, ZΛ, have the same monogram but different Phoenician letters, Alef and Bet.



**No. 130 ) Shekel, Year 37, ZΛ, letter Alef between legs, 14.42 g**



**No. 131 ) Shekel, Year 37, ZΛ, letter Bet between legs, unreported weight**



**No. 132 ) Shekel, Year 37, ZΛ, letter Alef between legs, 14.30 g, 30 mm**



**No. 133 ) Shekel, Year 37, ZΛ, letter Bet between legs, 14.24 g**



**No. 134 ) Shekel, Year 37, ZΛ, letter Bet between legs, 14.29 g**

### 2.38 Tyre, Shekel, Year 38, 89/88 BC

The next two shekels of year 38, HΛ, have the same monogram but different Phoenician letters, Alef and Bet.



**No. 135 ) Shekel, Year 37, ZΛ, letter Bet between legs, 14.40 g**



**No. 136 ) Shekel, Year 38, HΛ, letter Alef between legs, 14.33 g**





No. 137 ) Shekel, Year 38, HΛ, letter Bet between legs, 14.38 g, 31 mm

The next two shekels of year 38 (HΛ) display the same monogram but different Phoenician letters, Alef and Bet, between the legs of the eagle.



No. 138 ) Shekel, Year 38, HΛ, letter Alef between legs, 14.38 g



**No. 139 ) Shekel, Year 38, HΛ, letter Bet between legs, unreported weight**

## 2.39 Tyre, Shekel, Year 39, 88/87 BC

The next two shekels of year 39 (ΘΛ) display the same monogram but different Phoenician letters, Alef and Bet, between the legs of the eagle.



**No. 140 ) Shekel, Year 39, ΘΛ, letter Alef between legs, 14.41 g, 29 mm**



**No. 141 ) Shekel, Year 39, ΘΛ, letter Bet between legs, 14.21 g**



**No. 142 ) Shekel, Year 39, ΘΛ, letter Alef between legs, 14.31 g**

## 2.40 Tyre, Shekel, Year 40, 87/86 BC

The next two shekels of year 40 (LM) have the same monogram but different Phoenician letters.



**No. 143 ) Shekel, Year 40, LM, letter Alef between legs, 14.27 g**



**No. 144 ) Shekel, Year 40, LM, letter Bet between legs, 14.18 g**

The next shekel of year 40 (M) is similar to Coin No. 144 except that the reverse is partly double struck. It has the appearance of an extended legend on the reverse (eagle side).



**No. 145 ) Shekel, Year 40, LM, letter Bet between legs, 12.35 g, 29 mm**



**No. 146 ) Shekel, Year 40, LM, letter Alef between legs, 14.32 g**






No. 147 ) Shekel, Year 40, LM, letter Bet between legs, 14.16 g



No. 149 ) Shekel, Year 41, AM, letter Alef between legs, 14.16 g

Table2-11. Other Shekels for Year 40 (LM)

|          | Mono-gram                                                                           | Letter Between Legs of Eagle | Weight (grams) | Source  |
|----------|-------------------------------------------------------------------------------------|------------------------------|----------------|---------|
| No. 148) |  | Alef                         | 13.94          | BMC 133 |



No. 150 ) Shekel, Year 41, AM, letter Bet between legs, 14.40 g



No. 151 ) Shekel, Year 41, AM, letter Alef between legs, 14.25 g, 30 mm



## 2.42 Tyre, Shekel, Year 42, 85/84 BC

These next two shekels of year 42 have the same date and monogram but different Phoenician letters, Alef and Bet.



**No. 152 ) Shekel, Year 42, BM, letter Alef  
between legs, 13.80 g, 30 mm**



**No. 153 ) Shekel, Year 42, BM, letter Bet between  
legs, 14.33 g**



No. 154 ) Shekel, Year 42, BM, letter Alef  
between legs, 14.28 g



No. 155 ) Shekel, Year 42, BM, letter Alef  
between legs, 14.10 g

The authenticity of shekel No. 156, as well as the reading of its date, are not certain. See Coin No. 969 for a series of forgeries with the Γ in the date reversed. Since there is no other coin with the monogram BM, these letters could represent the date, year 42.



**No. 156 ) Shekel, possibly Year 42, BM, no letter between legs, 14.40 g**

## 2.43 Tyre, Shekel, Year 43, 84/83 BC



**No. 157 ) Shekel, Year 43, ΓM, letter Bet between legs, 14.40 g, 31 mm**



Refer to Coin No. 969 for several cast forgeries with the same monogram and unclear Phoenician letter as the next shekel.



**No. 158 ) Shekel, Year 43, ΓΜ, no letter between legs, 14.33 g**



**No. 159 ) Shekel, Year 43, ΓΜ, letter Bet between legs, unreported weight**

## 2.44 Tyre, Shekel, Year 45, 82/81 BC

The next three shekels of year 45 (EM) are similar in their date, monogram and Phoenician letter. They differ in various details. The date on No. 162 is retrograde.



**No. 160 ) Shekel, Year 45, EM, letter Alef between legs, 14.35 g**



**No. 161 ) Shekel, Year 45, EM, letter Alef between legs, 14.39 g, 30 mm**



No. 162 ) Shekel, Year 45, EM, letter Alef between legs, 14.34 g, 28 mm, (retrograde E in date)



No. 163 ) Shekel, Year 45, EM, letter Bet between legs, 14.38 g, 31 mm

2.45 Tyre, Shekel, Year 46, 81/80 BC



No. 164 ) Shekel, Year 46,  $\zeta$ M, letter Bet between legs, 14.30 g

2.46 Tyre, Shekel, Year 47, 80/79 BC



No. 165 ) Shekel, Year 47, ZM, letter Bet between legs, 14.30 g

**Tyre, Shekel, Year 47, 80/79 BC**

The next three shekels have the same year 47 (ZM) and monograms. On one there is no letter between legs of eagle. On the others are respectively the letters Alef and Bet.



**No. 166 ) Shekel, Year 47, ZM, no letter between legs, 14.27 g**

**Dated Coins of Antiquity - Tyre**



**No. 167 ) Shekel, Year 47, ZM, letter Alef between legs, unreported weight**





No. 168 ) Shekel, Year 47, ZM, letter Bet between legs, 14.33 g

## 2.47 Tyre, Shekel, Year 48, 79/78 BC



No. 169 ) Shekel, Year 48, HM, letter Alef between legs, 14.38 g

**Tyre, Shekel, Year 48, 79/78 BC**

**Dated Coins of Antiquity - Tyre**

The monogram on Coin No. 170 appears to be the reverse of Coin No. 169.



**No. 170 ) Shekel, Year 48, HM, letter Alef between legs, 14.27 g, 28 mm**



**No. 171 ) Shekel, Year 48, HM, letter Bet between legs, 14.30 g**

For a modern forgery of Coin No. 172 with the same date, monogram and Phoenician letter, refer to Coin No. 975.



**No. 172 ) Shekel, Year 48, HM, letter Bet between legs, 14.10 g**

## 2.48 Tyre, Shekel, Year 49, 78/77 BC



**No. 173 ) Shekel, Year 49, ΘM, letter Alef between legs, 14.26 g**



No. 174 ) Shekel, Year 49, ΘM, letter Bet between legs, 14.31 g, 28 mm



No. 175 ) Shekel, Year 50, LN (retrograde L), letter Alef between legs, 14.40 g





No. 176 ) Shekel, Year 50, LN (normal L), letter Bet between legs, 14.15 g



No. 177 ) Shekel, Year 50, LN, letter Bet between legs, 14.10 g, 29 mm





**No. 178 ) Shekel, Year 50, LN, letter Bet between legs, 14.32 g**

**2.50 Tyre, Shekel, Year 51, 76/75 BC**

The next two shekels of year 51 (AN) have the same monogram but different Phoenician letters, Alef and Bet, between the legs of the eagle.



**No. 179 ) Shekel, Year 51, AN, letter Alef between legs, 14.33 g**



**No. 180 ) Shekel, Year 51, AN, letter Bet between legs, 14.36 g**



This shekel has the same monogram and Phoenician letter as the previous one but the letter A in the date might be engraved over another letter.




**No. 181 ) Shekel, Year 51, AN, letter Bet between legs, 13.82 g, 27 mm**



No. 182 ) Shekel, Year 51, AN, letter Bet between legs, 13.25 g, 30 mm

Table 2-12. Other Shekels for Year 51 (AN)

|          | Mono-gram                                                                           | Letter Between Legs of Eagle | Weight (grams) | Source                                |
|----------|-------------------------------------------------------------------------------------|------------------------------|----------------|---------------------------------------|
| No. 183) | A                                                                                   | Alef                         | 14.4           | American University Beirut 57 (C1312) |
| No. 184) |  | Bet                          | 14.3           | American University Beirut 60 (C1315) |

2.51 Tyre, Shekel, Year 52, 75/74 BC

The obverse of Coin No. 185 and Coin No. 187 were struck by the same die. Note the common defect that looks like “A” on the neck of Melkart below his hairline.



No. 185 ) Shekel, Year 52, BN, letter Bet between legs, 14.44 g, 28 mm

**2.52 Tyre, Shekel, Year 53, 74/73 BC**

See the note for Coin No. 185.



**Table 2-13. Other Shekels for Year 52 (BN)**

|                 | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source     |
|-----------------|-----------|------------------------------|----------------|------------|
| <b>No. 186)</b> | Z         | Bet                          | 13.8           | Paris 2067 |



**No. 187 ) Shekel, Year 53, ΓN, letter Bet between legs, 14.20 g, 30 mm**



The next two shekels of year 53 (ΓM) have the same monogram but different Phoenician letters.



**No. 188 ) Shekel, Year 53, ΓN, letter Alef  
between legs, 13.92 g, 30 mm**



**No. 189 ) Shekel, Year 53, ΓN, letter Bet between  
legs, 14.15 g, 30 mm**



**2.53 Tyre, Shekel, Year 54, 73/72 BC**



**No. 190 ) Shekel, Year 54, ΔN, letter Bet between legs, 14.00 g, 27 mm**

The Phoenician letter Bet is retrograde on the next shekel.



**No. 191 ) Shekel, Year 54, ΔN, retrograde letter Bet between legs, unreported weight**

2.54 Tyre, Shekel, Year 55, 72/71 BC



No. 192 ) Shekel, Year 54, ΔN, letter Bet between legs, 14.31 g



No. 193 ) Shekel, Year 55, EN, letter Bet between legs, 13.85 g, 28 mm

On the next shekel, the L symbol preceding the date EN is retrograde. Usually the L precedes dates that have a single Greek letter, such as LN for year 50.



**No. 194 ) Shekel, Year 55, EN, letter Bet between legs, 13.93 g, retrograde L to right of date**

## 2.55 Tyre, Shekel, Year 57, 70/69 BC

The next two shekels of year 57 have the same monogram, Z. However the Phoenician letter is an Alef on the first shekel, while the second has the letter Bet engraved over an Alef.



**No. 195 ) Shekel, Year 57, LZN, retrograde L follows date, letter Alef between legs, 14.22 g, 30 mm**



No. 196 ) Shekel, Year 57, ZN, Bet over Alef between legs, 14.37 g

2.56 Tyre, Shekel, Year 58, 69/68 BC



No. 197 ) Shekel, Year 58, HN, letter Bet between legs, 14.01 g



No. 198 ) Shekel, Year 58, HN, letter Bet between legs, 14.28 g, 31 mm

2.57 Tyre, Shekel, Year 59, 68/67 BC

Table 2-14. Shekel for Year 59 (ΘN)

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source  |
|----------|-----------|------------------------------|----------------|---------|
| No. 199) |           | Bet                          | 14.10          | BMC 145 |





## 2.58 Tyre, Shekel, Year 60, 67/66 BC

Coin No. 200 and Coin No. 201 have the same date, year 60 (LΞ), monogram and Phoenician letter beneath the eagle. For each, the obverse appears to be struck from a clashed die. To the left of Melkart are the letters POY, which is part of the legend on the reverse to the right of the eagle. A mint staffer probably attempted to strike a shekel without placing a blank silver planchet between the obverse and reverse dies. Consequently, the reverse (eagle side) permanently imprinted part of its legend onto the obverse (Melkart) die. Subsequent shekels struck with the obverse die then showed the partial reverse legend on the obverse.



**No. 200 ) Shekel, Year 60, LΞ, letter Bet between legs, 14.05 g, 28 mm**



**No. 201 ) Shekel, Year 60, LΞ, letter Bet between legs, 14.35 g**

**Table 2-15. Other Shekels for Year 60 (LΞ)**

|                 | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source                                |
|-----------------|-----------|------------------------------|----------------|---------------------------------------|
| <b>No. 202)</b> | Z         | Bet                          | 14             | American University Beirut 69 (C1330) |

**2.59 Tyre, Shekel, Year 61, 66/65 BC**




**No. 203 ) Shekel, Year 61, ΑΞ, letter Bet between legs, 14.23 g, 27 mm**



**No. 204 ) Shekel, Year 61, ΑΞ, letter Bet between legs, 14.02 g**

## 2.60 Tyre, Shekel, Year 62, 65/64 BC

Table 2-16. Shekel for Year 62 (BΞ)

|          | Mono-gram                                                                         | Letter Between Legs of Eagle | Weight (grams) | Source                                |
|----------|-----------------------------------------------------------------------------------|------------------------------|----------------|---------------------------------------|
| No. 205) | <b>Z</b>                                                                          | not clear                    | 14.01          | BMC 146                               |
| No. 206) |  | Alef                         | 14.3           | American University Beirut 70 (C1331) |

## 2.61 Tyre, Shekel, Year 63, 64/63 BC

The next two shekels have the same date and monogram but different letter between the eagle's legs.



No. 207 ) Shekel, Year 63, ΓΞ, letter Alef between legs, 13.87 g, 29 mm, from Fitzwilliam SNG UK 408-6090



No. 208 ) Shekel, Year 63, ΓΞ, letter Bet between legs, 14.04 g



No. 209 ) Shekel, Year 63, ΓΞ, letter Bet between legs, 13.73 g, 32 mm





No. 210 ) Shekel, Year 63,  $\Gamma\Xi$ , letter Alef between legs, 13.69 g, 29 mm



No. 211 ) Shekel, Year 64,  $\Delta\Xi$ , letter Bet between legs, 14.44 g



No. 212 ) Shekel, Year 64,  $\Delta E$ , letter Bet between legs, 13.87 g, 28 mm



No. 213 ) Shekel, Year 64,  $\Delta E$ , letter Bet between legs, 14.24 g, 32 mm, from Fitzwilliam SNG UK 408-6091



No. 214 ) Shekel, Year 64,  $\Delta E$ , letter Bet between legs, 13.72 g

Table 2-17. Other Shekels for Year 64 ( $\Delta E$ )

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source  |
|----------|-----------|------------------------------|----------------|---------|
| No. 215) |           | Alef                         | 14.22          | BMC 151 |
| No. 216) |           | Alef                         | 14.50          | BMC 153 |
| No. 217) | <b>Z</b>  | Alef                         | 14.37          | BMC 155 |
| No. 218) | $\Delta$  | Bet                          | 14.2           | BMC 154 |

### 2.63 Tyre, Shekel, Year 65, 62/61 BC

On Coin No. 219, the Phoenician letter Bet is engraved over Alef.



No. 219 ) Shekel, Year 65,  $E E$ , letter Bet over Alef between legs, 14.14 g





No. 220 ) Shekel, Year 65, EΞ, letter Bet between legs, 14.02 g



No. 221 ) Shekel, Year 65, EΞ, letter Bet between legs, 13.77 g

Table 2-18. Other Shekels for Year 63 (ΓΞ)

|          | Mono-gram                                                                            | Letter Between Legs of Eagle | Weight (grams) | Source  |
|----------|--------------------------------------------------------------------------------------|------------------------------|----------------|---------|
| No. 222) |  | Bet                          | 14.22          | BMC 158 |
| No. 223) |  | Alef                         | 14.32          | BMC 156 |
| No. 224) | Z                                                                                    | Alef                         | 14.27          | BMC 160 |



## 2.64 Tyre, Shekel, Year 66, 61/60 BC

The next two coins of year 66 (Ⲫⲉ) have the same monogram and Phoenician letter Alef. However the second (No. 226) appears to be a crude copy of No. 225. Refer to Coin No. 976, a possible forgery dated year 67 that has similar style and monogram.



**No. 225 ) Shekel, Year 66, Ⲫⲉ, letter Alef between legs, 14.40 g, 29 mm**



**No. 226 ) Shekel, Year 66, Ⲫⲉ, letter Alef between legs, 13.10 g, 30 mm**







No. 227 ) Shekel, Year 66, ζΞ, letter Alef between legs, 13.98 g, 31 mm



No. 228 ) Shekel, Year 66, ζΞ, letter Bet between legs, 14.24 g



Table 2-19. Other Shekels for Year 66 (ζΞ)

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source     |
|----------|-----------|------------------------------|----------------|------------|
| No. 229) | Z         | Alef                         | 13.9           | Paris 2071 |


**2.65 Tyre, Shekel, Year 67, 60/59 BC**

Refer to Section 9.2 for shekel forgeries dated with year 67.



**No. 230 ) Shekel, Year 67, ZΞ, letter Alef between legs, 13.84 g**

**Table 2-20. Other Shekels for Year 67 (ZΞ)**

|                 | Mono-gram                                                                           | Letter Between Legs of Eagle | Weight (grams) | Source        |
|-----------------|-------------------------------------------------------------------------------------|------------------------------|----------------|---------------|
| <b>No. 231)</b> |  | Bet                          | 13.6           | Lönnqvist 128 |

**2.66 Tyre, Shekel, Year 68, 59/58 BC**

The next two shekels have the same date, monogram and letter between the eagle's legs but appear struck from different dies.



**No. 232 ) Shekel, Year 68 HΞ, no letter between legs, 13.36 g**



No. 233 ) Shekel, Year 68, HΞ, letter Bet between legs, 13.93 g, 28 mm



No. 234 ) Shekel, Year 68, HΞ, letter Bet between legs, 13.36 g

2.67 Tyre, Shekel, Year 69, 58/57 BC



No. 235 ) Shekel, Year 69 ΘΞ, unclear between legs, unreported weight



No. 236 ) Shekel, Year 69 ΘΞ, letter Bet between legs, 14.4 g




2.68 Tyre, Shekel, Year 70, 57/56 BC



No. 237 ) Shekel, Year 70, O, letter Bet between legs, 13.97 g

Table 2-21. Other Shekels for Year 70 (O)

|          | Mono-gram                                                                           | Letter Between Legs of Eagle | Weight (grams) | Source       |
|----------|-------------------------------------------------------------------------------------|------------------------------|----------------|--------------|
| No. 238) | Z                                                                                   | Alef                         | 14.2           | Paris 2072   |
| No. 239) | Z                                                                                   | Bet                          | 14.11          | BMC 163      |
| No. 240) |  | Bet                          | 11.8           | Sharabani 19 |

For a forgery showing year 70, see Coin No. 979.

2.69 Tyre, Shekel, Year 71, 56/55 BC



No. 241 ) Shekel, Year 71, AO, letter Bet between legs, unreported weight





No. 242 ) Shekel, Year 71, AO, unclear letter between legs, 14.35 g



No. 243 ) Shekel, Year 71, AO, letter Alef between legs, 13.98 g, 28 mm

Table 2-22. Other Shekels for Year 71 (AO)

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source  |
|----------|-----------|------------------------------|----------------|---------|
| No. 244) | <b>Z</b>  | Bet                          | 14.38          | BMC 161 |

2.70 Tyre, Shekel, Year 72, 55/54 BC

The shekels of year 72 are the first where the date appeared left to right.

Date written left to right, OB



No. 245 ) Shekel, Year 72, OB, letter Bet between legs, 14.40 g, 28 mm



No. 246 ) Shekel, Year 72, OB, letter Alef between legs, 14.40 g

On Coin No. 246, the date is possibly inverted.

Table 2-23. Shekel for Year 72 (BO) where the year OB appears inverted

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source  |
|----------|-----------|------------------------------|----------------|---------|
| No. 247) | <b>Z</b>  | Alef                         | 14.33          | BMC 162 |

Table 2-24. Other Shekels for Year 72 (OB)

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source  |
|----------|-----------|------------------------------|----------------|---------|
| No. 248) | <b>Z</b>  | Bet                          | 14.11          | BMC 163 |

### 2.71 Tyre, Shekel, Year 73, 54/53 BC

These next two shekels have the same year, monogram and Phoenician letter. However, on Coin No. 250 the monogram appears on the obverse at the bottom of the wreath tie as well as the normal position on the reverse.



**No. 249 ) Shekel, Year 73, ΟΓ, letter Alef between legs, 13.67 g**



**No. 250 ) Shekel, Year 73, ΟΓ, letter Alef between legs, 13.62 g, 25 mm**

2.72 Tyre, Shekel, Year 74, 53/52 BC

Table 2-25. Other Shekels for Year 73 (OF)

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source      |
|----------|-----------|------------------------------|----------------|-------------|
| No. 251) | Z         | Alef                         | 14.12          | BMC 164     |
| No. 252) | ΘE        | Alef                         | not reported   | Beyrouth 28 |
| No. 253) | ΘE        | Bet                          | not reported   | Beyrouth 29 |



No. 254 ) Shekel, Year 74, ΟΔ, letter Alef between legs, 13.99 g, 29 mm

**2.73 Tyre, Shekel, Year 78, 49/48 BC**



**No. 255 ) Shekel, Year 78, OH, letter Bet between legs, unreported weight**



**No. 256 ) Shekel, Year 78, OH, letter Bet between legs, 14.0 g, 30 mm**



2.74 Tyre, Shekel, Year 79, 48/47 BC



No. 257 ) Shekel, Year 78, OH, letter Bet between legs, 14.04 g, 27 mm



No. 258 ) Shekel, Year 79, OO, letter Bet between legs, 14.21 g

Table 2-26. Other Shekels for Year 79 (OO)

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source  |
|----------|-----------|------------------------------|----------------|---------|
| No. 259) | ✠         | Alef                         | 14.30          | BMC 166 |
| No. 260) | Ɱ         | Alef                         | 13.80          | BMC 167 |

2.75 Tyre, Shekel, Year 80, 47/46 BC



No. 261 ) Shekel, Year 80, Π, letter Bet between legs, 13.97 g, 27 mm



No. 262 ) Shekel, Year 80, Π, letter Alef between legs, unreported weight

The next two shekels of year 80 have same monogram but different Phoenician letters between legs of eagle.



No. 263 ) Shekel, Year 80, Π, unclear between legs, 14.40 g, 30 mm



No. 264 ) Shekel, Year 80, Π, letter Alef between legs, unreported weight

Table 2-27. Other Shekels for Year 80 (Π)

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source     |
|----------|-----------|------------------------------|----------------|------------|
| No. 265) | ΔΙ        | Bet                          | 13.75          | BMC 168    |
| No. 266) | ΑΙ        | Bet                          | not reported   | ISR-HOA1 3 |

## 2.76 Tyre, Shekel, Year 81, 46/45 BC

The next two shekels of year 81 (ΠΑ) have the same monogram but different Phoenician letters between legs of eagle.



**No. 267 ) Shekel, Year 81, ΠΑ, letter Alef between legs, 13.96 g, 26 mm**



**No. 268 ) Shekel, Year 81, ΠΑ, letter Bet between legs, 14.07 g, 29 mm**





No. 269 ) Shekel, Year 81, ΠΑ, letter Bet between legs, unreported weight

Table 2-28. Other Shekels for Year 81 (ΠΑ)

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source  |
|----------|-----------|------------------------------|----------------|---------|
| No. 270) | Β         | Bet                          | 14.24          | BMC 170 |

2.77 Tyre, Shekel, Year 82, 45/44 BC

The next two shekels of year 82 (ΠΒ) have the same monogram but different Phoenician letters, Alef and Bet.



No. 271 ) Shekel, Year 82, ΠΒ, letter Alef between legs, 14.39 g, 28 mm





**No. 272 ) Shekel, Year 82, ΠΒ, letter Bet between legs, 13.66 g**



**No. 273 ) Shekel, Year 82, ΠΒ, letter Bet between legs, 14.28 g, 26 mm**

2.78 Tyre, Shekel, Year 83, 44/43 BC



No. 274 ) Shekel, Year 83, ΠΓ, letter Bet between legs, 13.32 g

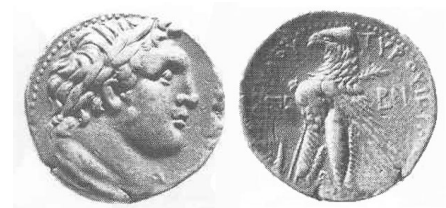


No. 275 ) Shekel, Year 83, ΠΓ, letter Bet between legs, 13.85 g, 26 mm

The next two shekels of year 83 (ΠΓ) have the same monogram but different Phoenician letters, Alef and Bet.



**No. 276 ) Shekel, Year 83, ΠΓ, letter Alef between legs, 13.65 g**



**No. 277 ) Shekel, Year 83, ΠΓ, letter Bet between legs, unreported weight (scanned from Lepczyk catalog 62, May 17, 1985, lot 75**

## 2.79 Tyre, Shekel, Year 84, 43/42 BC

Coin No. 279 and Coin No. 280 have overdate, year 84 (ΠΔ) over 83 (ΠΓ) where the Δ is inscribed over the Γ. The two appear to be struck from different reverse dies showing the date. For example the N in the BN monogram are different in size.



No. 278 ) Shekel, Year 83, ΠΓ, letter Alef between legs, 13.96 g



No. 279 ) Shekel, Year 84 (ΠΔ) over year 83 (ΠΓ), letter Alef between legs, 14.16 g, 27 mm





**No. 280 ) Shekel, Year 84 (ΠΔ) over year 83 (ΠΓ),  
letter Alef between legs, 14.25 g, 27 mm**



**No. 281 ) Shekel, Year 84, ΠΔ, letter Bet between  
legs, 13.74 g**



**2.80 Tyre, Shekel, Year 85, 42/41 BC**

The next two shekels of year 85 (ΠΕ) have the same monogram but different Phoenician letters, Alef and Bet.



**No. 282 ) Shekel, Year 84, ΠΔ, letter Bet between legs, unreported weight, scanned from Lepczyk catalog 62, May 17, 1985, lot 224**



**No. 283 ) Shekel, Year 85, ΠΕ, letter Alef between legs, 14.24 g, 28 mm**



No. 284 ) Shekel, Year 85, ΠΕ, letter Bet between legs, 14.04 g



No. 285 ) Shekel, Year 85, ΠΕ, unclear letter between legs, 14.13 g

2.81 Tyre, Shekel, Year 86, 41/40 BC

The next two shekels of year 86 (ΠΣ) have the same monogram but different Phoenician letters, Alef and Bet.



No. 286 ) Shekel, Year 85, ΠΕ, unclear Bet between legs, 13.64 g



No. 288 ) Shekel, Year 86, ΠΣ, letter Alef between legs, 13.87 g, 28 mm

Table 2-29. Other Shekels for Year 85 (ΠΕ)

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source  |
|----------|-----------|------------------------------|----------------|---------|
| No. 287) | BN        | not clear                    | 14.13          | BMC 172 |



No. 289 ) Shekel, Year 86, ΠΣ, letter Bet between legs, 13.57 g



No. 290 ) Shekel, Year 86, ΠΣ, letter Bet between legs, 14.10 g, 26 mm

Table 2-30. Other Shekels for Year 86 (ΠΣ)

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source  |
|----------|-----------|------------------------------|----------------|---------|
| No. 291) | Β         | Bet                          | 14.15          | BMC 173 |



**2.82 Tyre, Shekel, Year 87, 40/39 BC**



**No. 292 ) Shekel, Year 87, ΠΖ, letter Bet between legs, 14.00 g**



**No. 293 ) Shekel, Year 87, ΠΖ, letter Bet between legs, 13.90 g**



The next two shekels of year 87 have all the same attributes - date, monogram and Phoenician letter. The reverses were prepared from different dies. For example, the letter Bet on each have different style.



**No. 294 ) Shekel, Year 87, ΠΖ, letter Bet between legs, 14.29 g**



**No. 295 ) Shekel, Year 87, ΠΖ, letter Bet between legs, 13.78 g, 27 mm**



**No. 296 ) Shekel, Year 87, ΠΖ, letter Bet between legs, 14.36 g, 26 mm**



**No. 297 ) Shekel, Year 87, ΠΖ, letter Bet between legs, 13.62 g, 26 mm**

### 2.83 Tyre, Shekel, Year 88, 39/38 BC

The next three shekels of year 88, ΠΗ, have the same date and monogram. The first lacks a Phoenician letter between legs of the eagle. The second and third have letters Alef and Bet respectively.



**No. 298 ) Shekel, Year 88, ΠΗ, no letter between legs, 14.14 g, 28 mm**



**No. 299 ) Shekel, Year 88, ΠΗ, letter Alef between legs, 14.10 g**



No. 300 ) Shekel, Year 88, ΠΗ, letter Bet between legs, 13.85 g, 26 mm



No. 301 ) Shekel, Year 88, ΠΗ, unclear letter between legs, 13.73 g



Shekel, Year 88, ΠΗ, letter Alef between legs,  
14.18 g, 28 mm



No. 302 ) Shekel, Year 88, ΠΗ, unclear letter  
between legs, unreported weight





No. 303 ) Shekel, Year 88, ΠΗ, letter Alef  
between legs, 13.84 g



No. 304 ) Shekel, Year 88, ΠΗ, letter Alef  
between legs, 13.66 g, 26 mm



No. 305 ) Shekel, Year 88, ΠΗ, no letter between legs, 12.5 g

In Section 10.11, Levy cited one reference to a shekel with the overdate, year 88 (ΠΗ) over 87 (ΠΖ), “Q [Qumran hoard], 13.893 g”.

Table 2-31. Shekel, for Year 88 (ΠΗ) over 87 (ΠΖ)

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source              |
|----------|-----------|------------------------------|----------------|---------------------|
| No. 306) | ?         | ?                            | 13.893         | Levy, Section 10.11 |

2.84 Tyre, Shekel, Year 89, 38/37 BC



No. 307 ) Shekel, Year 89, ΠΘ, letter Bet between legs, 13.10 g



No. 308 ) Shekel, Year 89, ΠΘ, letter Bet between legs, 14.01 g



No. 309 ) Shekel, Year 89, ΠΘ, letter Bet between legs, 14.10 g



**No. 310 ) Shekel, Year 89, ΠΘ, letter Bet between legs, 13.70 g**



**No. 311 ) Shekel, Year 89, ΠΘ, letter Bet between legs, 14.05 g, 27 mm**

**Table 2-32. Other Shekels for Year 89 (ΠΘ)**

|                 | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source        |
|-----------------|-----------|------------------------------|----------------|---------------|
| <b>No. 312)</b> | <b>BN</b> | not clear                    | 14.0           | Lönnqvist 154 |

## 2.85 Tyre, Shekel, Year 92, 35/34 BC

This shekel of year 92 was offered by Stacks auction, September 21, 2009, lot 106, described as a fourre (contemporary counterfeit), probably because of the light weight. For a likely forgery of year 92, see also Coin No. 950.

This coin and the next of year 92 have the same monogram but different Phoenician letters.



**No. 313 ) Shekel, Year 92, 𐤁𐤁 , letter Alef between legs, 12.11 g**



**No. 314 ) Shekel, Year 92, 𐤁𐤁 , letter Alef between legs, 14.01 g, 26 mm**





**No. 315 ) Shekel, Year 92, 9B , letter Bet between legs, unreported weight**

Coin No. 316 has a star counterstamp on the bust. Refer to the Introduction for others.



**No. 316 ) Shekel, Year 92, 9B , letter Bet between legs, 13.12 g, star counterstamp below ear on bust**



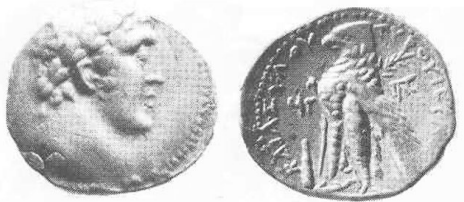


No. 317 ) Shekel, Year 92, 9B , unclear letter between legs, 14.01 g, 26 mm

Table 2-33. Other Shekels for Year 92 (9B )

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source        |
|----------|-----------|------------------------------|----------------|---------------|
| No. 318) | ZM        | Alef                         | 13.8           | Lönnqvist 160 |

2.86 Tyre, Shekel, Year 93, 34/33 BC



No. 319 ) Shekel, Year 93, 9Γ , letter Bet between legs, unreported weight, scanned from Lepczyk catalog 62, May 5, 1985, lot 73



**No. 320 ) Shekel, Year 93, 9Γ , letter Bet between legs, 13.68 g, 27 mm**



**No. 321 ) Shekel, Year 93, 9Γ , letter Alef between legs, 13.50 g, 29 mm**

### 2.87 Tyre, Shekel, Year 94, 33/32 BC

Coin No. 323 and Coin No. 326 have the same date and monogram but different Phoenician letters, Alef and Bet, between the legs of the eagle.



No. 322 ) Shekel, Year 93, 𐤁𐤍, letter Bet between legs, unreported weight, found in Israel





No. 323 ) Shekel, Year 94, 𐤁𐤌, letter Bet between legs, 13.54 g, 26 mm





No. 324 ) Shekel, Year 94, 9Δ, unclear letter between legs, 13.84 g, 25 mm

Table 2-34. Other Shekels for Year 94 (9Δ)

|          | Mono-gram                                                                           | Letter Between Legs of Eagle | Weight (grams) | Source        |
|----------|-------------------------------------------------------------------------------------|------------------------------|----------------|---------------|
| No. 325) | BN                                                                                  | Alef                         | 13.83          | BMC 178       |
| No. 326) |  | Alef                         | 14.0           | Lönnqvist 167 |
| No. 327) |  | Bet                          | 13.9           | Lönnqvist 168 |

Coin No. 325 and Coin No. 328 have the same date and monogram but different Phoenician letters, Alef and Bet, between the legs of the eagle.



No. 328 ) Shekel, Year 94, 9Δ, no letter between legs, unreported weight



Coin No. 329 has a star counterstamp on the bust. Refer to the Introduction for others.



No. 329 ) Shekel, Year 94, 9Δ, unclear letter between legs, 13.54 g, star counterstamp on the bust below ear

## 2.88 Tyre, Shekel, Year 95, 32/31 BC



No. 330 ) Shekel, Year 95, 9E, letter alef between legs, 13.97g

## 2.89 Tyre, Shekel, Year 96, 31/30 BC

The next two shekels have the same date and monogram but different Phoenician letters, Alef and Bet, between the legs of the eagle.



No. 331 ) Shekel, Year 96, 𐤀𐤌, letter Alef between legs, 13.89 g, 25 mm



No. 332 ) Shekel, Year 96, 𐤀𐤌, letter Bet between legs, 14.27 g

Coin No. 333 and Coin No. 334 have the same date and monogram but different Phoenician letters, Alef and Bet, between the legs of the eagle.



**No. 333 ) Shekel, Year 96, 𐤀𐤋, letter Alef between legs, 13.93 g**



**No. 334 ) Shekel, Year 96, 𐤁𐤋, letter Bet between legs, 14.16 g, 26 mm**



No. 335 ) Shekel, Year 96, 𐤅𐤌, letter Bet between legs, 14.00 g, 27 mm



No. 336 ) Shekel, Year 96, 𐤅𐤌, letter Bet between legs, 14.26 g



2.90 Tyre, Shekel, Year 97, 30/29 BC



No. 337 ) Shekel, Year 97, 9Z, letter Bet  
between legs, 14.02 g, Paris 2088



No. 338 ) Shekel, Year 97, 9Z, letter Bet  
between legs, 13.88 g





**No. 339 ) Shekel, Year 97, 9Z , unclear letter  
between legs, 14.04 g, 27 mm**



**No. 340 ) Shekel, Year 97, 9Z , letter Bet  
between legs, 13.86 g**

2.91 Tyre, Shekel, Year 98, 29/28 BC

The ticket for Coin No. 341 from the Ophel hoard described this coin as barbarous.



No. 341 ) Shekel, Year 98,  $\text{H}$ , unclear letter between legs, 11.6 g, Ophel hoard, number 25

2.92 Tyre, Shekel, Year 99, 28/27 BC



No. 343 ) Shekel, Year 99,  $\text{O}$ , letter Bet between legs, 14.17 g


Table 2-35. Other Shekels for Year 98 ( $\text{H}$ )

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source        |
|----------|-----------|------------------------------|----------------|---------------|
| No. 342) |           | Bet                          | 14.1           | Lönnqvist 191 |



No. 344 ) Shekel, Year 99, 𐤁𐤓 , letter Bet between legs, 13.85 g, 28 mm

Table 2-36. Other Shekels for Year 99 (𐤁𐤓)

|          | Mono-gram                                                                           | Letter Between Legs of Eagle | Weight (grams) | Source        |
|----------|-------------------------------------------------------------------------------------|------------------------------|----------------|---------------|
| No. 345) |  | not clear                    | 14.0           | Lönnqvist 195 |

Coin No. 346 has a star counterstamp on the bust. Refer to the Introduction for others.



No. 346 ) Shekel, Year 99, 𐤁𐤓 , letter Bet between legs, 13.85 g, star counterstamp on face, 28 mm



2.93 Tyre, Shekel, Year 100, 27/26 BC



No. 347 ) Shekel, Year 100, P, letter Alef between legs, 13.48 g, 28 mm



No. 348 ) Shekel, Year 100, P, letter Bet between legs, 13.73 g, 29 mm





**No. 349 ) Shekel, year 100, P, unclear letter between legs, 13.56 g, 27 mm**



**No. 350 ) Shekel, Year 100, P, letter Bet between legs, 13.40 g, 29 mm, star counterstamp below ear on bust**





**No. 351 ) Shekel, year 100, P, unclear letter between legs, 14.11 g, 26 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8790**

## 2.94 Tyre, Shekel, Year 101, 26/25 BC



**No. 352 ) Shekel, Year 101, PA, letter Bet between legs, 13.79 g, 25 mm**

2.95 Tyre, Shekel, Year 102, 25/24 BC




No. 353 ) Shekel, Year 101, PA, letter Bet between legs, 14.04 g, 24 mm



No. 355 ) Shekel, year 102, PB, letter Bet between legs, 13.96 g, 26 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8794

Table 2-37. Other Shekels for Year 101 (PA)

|          | Mono-gram                                                                           | Letter Between Legs of Eagle | Weight (grams) | Source       |
|----------|-------------------------------------------------------------------------------------|------------------------------|----------------|--------------|
| No. 354) |  | Bet                          | 14.1           | Sharabani 80 |

Coin No. 356 has a star counterstamp on the bust. Refer to the Introduction for others.



**No. 356 ) Shekel, Year 102, PB, letter Bet between legs, 13.87 g, 26 mm, photo from Israel Antiquities Authority, Number ISF-IAA 8795**



**No. 357 ) Shekel, year 102, PB, letter Bet between legs, 13.98 g, 27 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8793**




No. 358 ) Shekel, year 102, PB, letter Bet between legs, unreported weight, found in Israel



No. 359 ) Shekel, year 102, PB, letter Bet between legs, 13.9 g, photo by courtesy of the Hecht Museum, University of Haifa, Israel, OSF-HEC 644

Table 2-38. Other Shekels for Year 102 (PB)

|          | Mono-gram                                                                            | Letter Between Legs of Eagle | Weight (grams) | Source        |
|----------|--------------------------------------------------------------------------------------|------------------------------|----------------|---------------|
| No. 360) |  | not clear                    | 14.0           | Lönnqvist 224 |

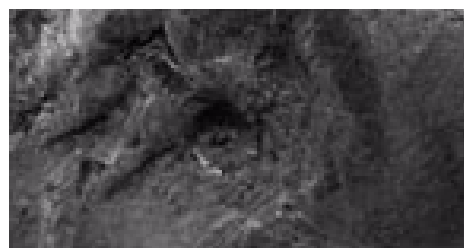


## 2.96 Tyre, Shekel, Year 103, 24/23 BC

Coin No. 361 has a star counterstamp on the bust. Refer to the Introduction for others.



**No. 361 ) Shekel, Year 103, ΠΓ, letter Bet between legs, 13.99 g**



**No. 362 ) Shekel, Year 103, ΠΓ, letter Bet between legs, 13.8 g, 27 mm**

The previous and next two shekels have the same date, Phoenician letter Bet and monogram. All three shekels were also struck from the same obverse die. However, their reverse dies were significantly different in style.



**No. 363 ) Shekel, Year 103,  $\text{PT}$ , letter Bet between legs, 13.70 g, 27 mm**



**No. 364 ) Shekel, Year 103,  $\text{PT}$ , letter Bet between legs, 13.70 g**



**No. 365 ) Shekel, Year 103,  $\text{PT}$ , letter Bet between legs, 13.66 g, 26 mm**



**No. 366 ) Shekel, Year 103,  $\text{PT}$ , letter Bet between legs, 13.65 g, 26 mm**

The reading of the date on Coin No. 367, year 103 (PΓ) is possibly incorrect. The date seems to be year 120 (PK) but the coin lacks the KP monogram that should appear on coins of that year. For a shekel of year 107 (PZ) with a similar monogram and Phoenician letter, see Coin No. 395.



**No. 367 ) Shekel, Year 103 (?), PΓ, letter Alef between legs, 13.53 g, 33 mm**



**No. 368 ) Shekel, year 103, PΓ, letter Bet between legs, 13.83 g, 28 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8797**

2.97 Tyre, Shekel, Year 104, 23/22 BC



No. 369 ) Shekel, Year 104, PΔ, letter Bet between legs, 14.18 g



No. 370 ) Shekel, Year 104, PΔ, letter Bet between legs, 13.99 g





**No. 371 ) Shekel, Year 104, PΔ, letter Bet between legs, 13.8 g, 26 mm**



**No. 372 ) Shekel, Year 104, PΔ, letter Bet between legs, unreported weight, 25 mm**

2.98 Tyre, Shekel, Year 105, 22/21 BC



No. 373 ) Shekel, Year 105, PE, letter Bet between legs, 14.14 g



No. 374 ) Shekel, Year 105, PE, unclear letter between legs, 13.45 g, 27 mm



**No. 375 ) Shekel, Year 105, PE, letter Bet between legs, 13.35 g**



**No. 376 ) Shekel, Year 105, PE, letter Alef between legs, 14.05 g, 26 mm**



**No. 377 ) Shekel, Year 105, PE, letter Alef between legs, 13.48 g, 26 mm, from the Ramat Rahel hoard, plate 2, number 3946/2<sup>[9]</sup>**



**No. 378 ) Shekel, Year 106, P<sub>5</sub>, letter Bet between legs, 14.22 g, 26 mm**



**No. 379 ) Shekel, Year 106, Pζ, letter Bet  
between legs, unreported weight**

The next two shekels have the same year 106, Pζ, and similar monograms but different Phoenician letters.



**No. 380 ) Shekel, year 106, Pζ, letter Alef  
between legs, 13.78 g, 26 mm, photo by  
courtesy of Israel Antiquities Authority, ISF-  
IAA 8800**





No. 381) Shekel, Year 106, P $\zeta$ , letter Bet between legs, 13.75 g



No. 382) Shekel, Year 106, P $\zeta$ , letter Bet between legs, 14.10 g



**No. 383 ) Shekel, Year 106, P $\zeta$ , letter Alef  
between legs, 14.00 g**



**No. 384 ) Shekel, year 106, P $\zeta$ , letter Alef  
between legs, 14 g, 27 mm, photo by courtesy  
of Israel Antiquities Authority, ISF-IAA 8799**



**No. 385 ) Shekel, year 106, Pζ, letter Alef between legs, 13.82 g, 25 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8804**

**Table 2-39. Other Shekels for Year 106 (Pζ)**

|                 | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source        |
|-----------------|-----------|------------------------------|----------------|---------------|
| <b>No. 386)</b> | <b>BN</b> | Bet                          | 13.8           | Lönnqvist 247 |

## 2.100 Tyre, Shekel, Year 107, 20/19 BC

The next two shekels have the same year 107 and similar monograms but different Phoenician letters.



**No. 387 ) Shekel, Year 107, PZ, letter Alef between legs, 14.22 g**



**No. 388 ) Shekel, Year 107, PZ, letter Bet  
between legs, 14.01 g, 26 mm**

Coin No. 389 has a star counterstamp on the bust. Refer to the Introduction for others. The year, monogram and Phoenician letter are the same as those on Coin No. 387.



**No. 389 ) Shekel, Year 107, PZ, letter Alef  
between legs, 13.77 g, 23 to 26 mm, photo  
from Israel Antiquities Authority, Number ISF-  
IAA 8808**



**No. 390 ) Shekel, Year 107, PZ, letter Bet between legs, 13.61 g**

The next two shekels have the same year 107 and similar monograms but different Phoenician letters.

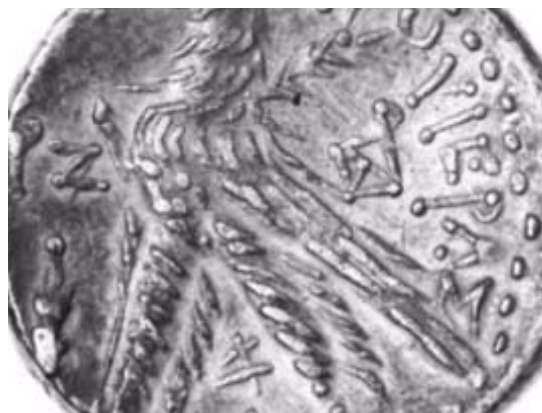


**No. 391 ) Shekel, Year 107, PZ, letter Alef between legs, 12.80 g**





**No. 392 ) Shekel, Year 107, PZ, letter Bet  
between legs, 14.12 g**



**No. 393 ) Shekel, Year 107, PZ, letter Alef  
between legs, 13.61 g, 25 mm**



**No. 394 ) Shekel, Year 107, PZ, letter Alef  
between legs, 13.99 g, 24 mm**



**No. 395 ) Shekel, Year 107, PZ, letter Alef  
between legs, 13.66 g, 26 mm**



**No. 396 ) Shekel, year 107, PZ, letter Bet between legs, 13.93 g, 25 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8809**



**No. 397 ) Shekel, Year 107, PZ, letter Bet between legs, 13.69 g**

2.101 Tyre, Shekel, Year 108, 19/18 BC



No. 398 ) Shekel, Year 107, PZ, letter Bet between legs, 12.28 g



No. 399 ) Shekel, Year 108, PH, letter Alef between legs, 12.20 g





No. 400 ) Shekel, Year 108, PH, letter Alef between legs, 14.30 g

## 2.102 Tyre, Shekel, Year 109, 18/17 BC

On Coin No. 401, the Phoenician letter between the legs of the eagle is a letter Bet engraved over the letter Alef.



No. 401 ) Shekel, Year 109, PΘ, letter Bet over Alef between legs, 14.08 g, 14 mm





**No. 402 ) Shekel, Year 109, PΘ, letter Bet  
between legs, 14.83 g, 25 mm**



**No. 403 ) Shekel, Year 109, PΘ, letter Bet  
between legs, 14.21 g, 28 mm, double-struck**

**2.103 Tyre, Shekel, Year 110, 17/16 BC**

Coin No. 404 and Coin No. 405 have the same date and monogram but different Phoenician letters, Alef and Bet, between the legs of the eagle.



**No. 404 ) Shekel, Year 110, P|, letter Alef between legs, 14.24 g**



**No. 405 ) Shekel, Year 110, P|, letter Bet between legs, 14.07 g, 26 mm**

The Greek numeral, I, in the date on Coin No. 406 has a mis-centered alignment dot at the top of the numeral. Compare to the same variety, Coin No. 405.



**No. 406 ) Shekel, Year 110, P|, letter Bet between legs, 14.05g, 25 mm**

The monograms on the next two shekels of year 110 (PI) are similar but not identical.



**No. 407 ) Shekel, Year 110, P|, letter Bet between legs, 13.91 g**

**2.104 Tyre, Shekel, Year 111, 16/15 BC**

Coin No. 409 through Coin No. 412 are the last shekels without the KP monogram. See Coin No. 414 for the first with the KP monogram.



**No. 408 ) Shekel, Year 110, P|, letter Bet between legs, 14.07 g, 26 mm**



**No. 409 ) Shekel, Year 111, P|A, letter Alef between legs, 14.10 g, 24 mm**





**No. 410 ) Shekel, Year 111, P|A, letter Bet between legs, unreported weight, mounted in jewelry**



**No. 411 ) Shekel, Year 111, P|A, no letter between legs, 14.03 g, 26 mm**





No. 412 ) Shekel, Year 111, P|A, letter Alef between legs, 13.71 g, 25 mm

Table 2-40. Other Shekels for Year 111 (P|A)

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source                                |
|----------|-----------|------------------------------|----------------|---------------------------------------|
| No. 413) | ✚         | Alef                         | 13.7           | American University Beirut 78 (C1334) |

2.105 Tyre, Shekel, Year 112, 15/14 BC (year not reported)

The Qumran archaeological sites in the West Bank, managed by Israel's Qumran National Park, are where the Dead Sea Scrolls were discovered in 11 caves between 1946 and 1956.<sup>[19]</sup> In 1955, archaeologists reported three pots of 561 silver coins containing primarily Tyrian tetradrachms and didrachms that were buried in the area of Qumran. Levi Yizhaq Rahmani<sup>1</sup> and Henri Seyrig<sup>2</sup> prepared hand-written tables, recorded by Seyrig, without photographs of the various shekel dates obtained from one these three pots. Based on these tables, in 1980 Marcia Sharabani published a portion of the data, consisting of a date list of 153 shekels and half shekels.<sup>[30]</sup> Among the listed coins in Sharabani's article were 12 shekels of year 112. To be precise, Sharabani's article listed 12 shekels of year 113 with the BC equivalence for year 112. RPC.1 cited these shekels as the source for shekels of year 112.

In 2015, I wrote to Dr. Donald T. Ariel<sup>3</sup> and requested permission to reprint several published photographs of Tyrian shekels in Israel Numismatic Research. Dr. Ariel granted this permission and subsequently I also asked if he could verify the monograms on these shekels of year 112. Since Dr. Ariel possessed Seyrig's original tables, he responded generously and reviewed these notes. Dr. Ariel reported that there were no shekels of year 112 in Seyrig's tables. There was a space in Seyrig's tables where shekels of this year could be entered. Inventory and year numbers for the listed shekels required careful reading. Dr. Ariel offered the conjecture that the author, the editor or printer misinterpreted Seyrig's data before Sharabani's publication. So, as of this release of DCA-Tyre, no shekels of year 112 have been reported.

1. Dr. Levi Yizhaq Rahmani was the Head of the Israel Antiquities Authority until 1991

2. Henri Seyrig was the Director of the collection of the Archaeological and Historical Library of the French Institute for Near Eastern Archaeology.

3. Dr. Donald T. Ariel has been the Head of the Coin Department at the Israel Antiquities Authority (IAA) since 1991. He is also the editor of the Israel Numismatic Research journal.

### 3. TYRE SHEKELS (KP MONOGRAM), DCA 920

#### 3.1 Tyre, Shekel, Year 113, 14/13 BC



No. 414 ) Shekel, Year 113, P|Γ, letter Bet between legs, 14.06 g, 26 mm



No. 415 ) Shekel, Year 113, P|Γ, letter Bet between legs, 13.91 g, 27 mm

### 3.2 Tyre, Shekel, Year 114, 13/12 BC

Coin No. 416 was read as year 111 (PIA) in DCA-Tyre Release 1. In the current release, the date has been reinterpreted as year 114 (PIΔ). The reason is that no shekels of year 112 have been reliably reported (see Section 2.105). The Greek letters appear similar for these two dates, 111 and 114. It seems unlikely that such a rare coin showing the KP monogram would be struck in year 111, then not struck again with the KP monogram until year 113.



**No. 416 ) Shekel, Year 114, P|Δ, letter Bet  
between legs, 12.74 g, 25 mm**

The next two shekels have the same year 114, P|Δ, and monogram but different Phoenician letters.



**No. 417 ) Shekel, Year 114, P|Δ, letter Alef  
between legs, 14.01 g, 26 mm**



**No. 418 ) Shekel, Year 114, P|Δ, letter Bet between legs, 13.65 g, 27 mm**



The next two shekels have the same year 114 and monogram but different Phoenician letters.



**No. 419 ) Shekel, Year 114, P|Δ, letter Alef between legs, 14.17 g, 26 mm**



This and the following shekel are nearly identical in date, monogram and Phoenician letter. However, the monograms do differ slightly.



**No. 420 ) Shekel, Year 114, P|Δ, letter Bet between legs, 14.09 g, 26 mm**



**No. 421 ) Shekel, Year 114, P|Δ, letter Bet between legs, 14.16 g, 27 mm**



### 3.3 Tyre, Shekel, Year 115, 12/11 BC

The next two shekels of year 115 (P|E) have the same monogram but differ in their Phoenician letters. A shekel similar to No. 422 with weight 13.83 grams was found in the Ramat Rahel hoard.



**No. 422 ) Shekel, Year 115, P|E, letter Alef  
between legs, 14.02 g, 26 mm**



**No. 423 ) Shekel, Year 115, P|E, letter Bet  
between legs, 14.08 g, 25 mm**

No. 424 and No. 425 have the same date, year 115, and monograms but different Phoenician letters between the legs of the eagle. See also Coin No. 434 for overdate using these dies and the Introduction for commentary.



**No. 424 ) Shekel, Year 115, P|E, letter Alef  
between legs, unreported weight**



**No. 425 ) Shekel, Year 115, P|E, letter Bet  
between legs, 15.90 g**

Coin No. 426 has a star counterstamp on the bust. Refer to the Introduction for others.



**No. 426 ) Shekel, Year 115, P|E, letter Bet between legs, unreported weight**

### 3.4 Tyre, Shekel, Year 116, 11/10 BC

The next two shekels have the same date and monogram but different Phoenician letters between the legs of the eagle.



**No. 427 ) Shekel, Year 116, P|Ç, letter Alef between legs, 14.14 g, 26 mm**



No. 428 ) Shekel, Year 116, P|Σ, letter Bet between legs, 13.86 g, 26 mm

The next two shekels have the same date and monogram but different Phoenician letters between the legs of the eagle.



No. 429 ) Shekel, Year 116, P|Σ, letter Alef between legs, 14.18 g, 26 mm





**No. 430 ) Shekel, Year 116, P|Σ, letter Bet  
between legs, 13.90 g, 26 mm**



**No. 431 ) Shekel, Year 116, P|Σ, letter Bet  
between legs, 14.11 g**



**3.5 Tyre, Shekel, Year 117, 10/9 BC**



**No. 432 ) Shekel, Year 117, P|Z, letter Alef  
between legs, 14.09 g**



**No. 433 ) Shekel, Year 117, P|Z, letter Alef  
between legs, 14.14 g, 25 mm**

The next shekel of year 117 (P|Z) with Phoenician letter Alef was struck over year 115 (P|E). Also see the Introduction for commentary on the BN monogram, the only monogram used during both the pre and post-KP era. Refer also to a half shekel with the same overdate (Coin No. 828).

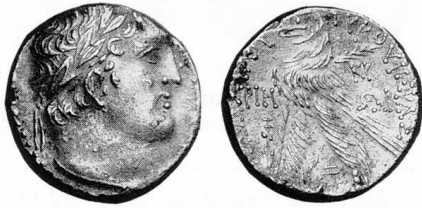


**No. 434 ) Shekel, Year 117, P|Z, letter Alef between legs, 14.05 g**

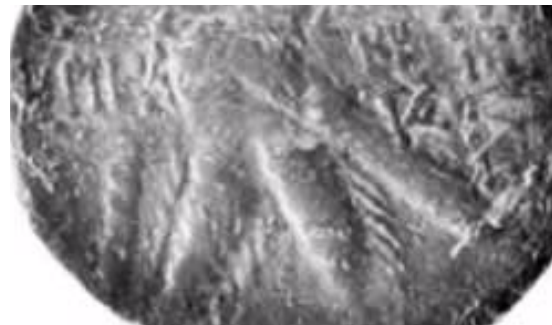


**No. 435 ) Shekel, Year 117, P|Z, letter Bet between legs, 13.91 g, 25 mm**

3.6 Tyre, Shekel, Year 118, 9/8 BC



No. 436 ) Shekel, Year 118, P|H, letter Alef  
between legs, 13.95 g



No. 437 ) Shekel, Year 118, P|H, unclear letter  
between legs, 12.96 g

### 3.7 Tyre, Shekel, Year 120, 7/6 BC



**No. 438 ) Shekel, Year 120, PK, letter Alef between legs, 13.76 g**



**No. 439 ) Shekel, year 120, PK, unclear letter between legs, 14.26 g**



**No. 440 ) Shekel, year 120, PK, letter Bet between legs, 13.88 g, 26 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8842**

### 3.8 Tyre, Shekel, Year 121, 6/5 BC



**No. 441 ) Shekel, Year 121, PKA, letter Bet between legs, 14.09 g, collection of James Knox, 25 mm**



**3.9 Tyre, Shekel, Year 122, 5/4 BC**



**No. 442 ) Shekel, Year 122, PKB, letter Bet  
between legs, 14.04 g**



**No. 443 ) Shekel, Year 122, PKB, letter Bet  
between legs, unreported weight**

3.10 Tyre, Shekel, Year 123, 4/3 BC



No. 444 ) Shekel, Year 123, PKΓ, letter Bet  
between legs, 14.21 g



No. 445 ) Shekel, year 123, PKΓ, letter Bet  
between legs, 13.93 g, BMC 195

### 3.11 Tyre, Shekel, Year 124, 3/2 BC



**No. 446 ) Shekel, Year 124, PKΔ, letter Alef between legs, 14.3 g**

### 3.12 Tyre, Shekel, Year 125, 2/1 BC

The next two shekels of year 125 (PKE) appear to have nearly identical monograms. However, they have different Phoenician letters, Alef and Bet.



**No. 447 ) Shekel, Year 125, PKE, letter Alef between legs, 13.24 g, 26 mm**



No. 448 ) Shekel, Year 125, PKE, letter Bet  
between legs, 14.26 g



No. 449 ) Shekel, Year 125, PKE, letter Bet  
between legs, 14.33 g



### 3.13 Tyre, Shekel, Year 126, 1 BC / 1 AD

The next three shekels of year 126 (PK $\zeta$ ) appear to have nearly identical monograms. However, one has no Phoenician letter while the others have Alef and Bet.



No. 450 ) Shekel, Year 126, PK $\zeta$ , no letter between legs, 14.29 g



No. 451 ) Shekel, Year 126, PK $\zeta$ , letter Alef between legs, 14.07 g, 24 mm



### 3.14 Tyre, Shekel, Year 127, 1/2 AD

The next two shekels of year 127 (PKZ) have the same monogram but different Phoenician letters, Alef and Bet.



No. 452 ) Shekel, Year 126, PKC, letter Bet  
between legs, 13.97 g, 24 mm



No. 453 ) Shekel, Year 127, PKZ, letter Alef  
between legs, 14.30 g



**No. 454 ) Shekel, Year 127, PKZ, letter Bet  
between legs, 14.16 g, 27 mm**

### 3.15 Tyre, Shekel, Year 128, 2/3 AD



**No. 455 ) Shekel, Year 128, PKH, no letter  
between legs, 13.95 g**



**No. 456 ) Shekel, Year 128, PKH, letter Alef  
between legs, 14.22 g**



**No. 457 ) Shekel, Year 128, PKH, letter Bet  
between legs, 14.29 g**



**No. 458 ) Shekel, Year 128, PKH, letter Bet  
between legs, 12.74 g**



**No. 459 ) Shekel, Year 128, PKH, letter Bet  
between legs, 14.28 g**



### 3.16 Tyre, Shekel, Year 129, 3/4 AD

The monograms on the next two shekels of year 129 (PKΘ) are possibly the same.



**No. 460 ) Shekel, year 128, PKH, letter Alef between legs, 14.1 g, 26 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8856**



**No. 461 ) Shekel, Year 129, PKΘ, letter Alef between legs, 14.22 g**





**No. 462 ) Shekel, Year 129, PKΘ, letter Alef  
between legs, 14.23 g, 25 mm**



**No. 463 ) Shekel, Year 129, PKΘ, letter Alef  
between legs, 13.92 g, 28 mm**

### 3.17 Tyre, Shekel, Year 130, 4/5 AD

The next two shekels of year 130 (PΛ) appear to have the same date and monogram but different Phoenician letters, Alef and Bet.



**No. 464 ) Shekel, Year 130, PΛ, letter Alef  
between legs, 14.30 g**



**No. 465 ) Shekel, Year 130, PΛ, letter Bet  
between legs, unreported weight**



**No. 466 ) Shekel, Year 130, PΛ, letter Alef between legs, unreported weight**



**No. 467 ) Shekel, Year 130, PΛ, letter Bet between legs, 14.30 g**

### 3.18 Tyre, Shekel, Year 131, 5/6 AD

The next two shekels of year 131 (PAA) display the same monogram but different Phoenician letters, Alef and Bet, between the legs of the eagle.



**No. 468 ) Shekel, Year 131, PAA, letter Alef between legs, 14.29 g**



**No. 469 ) Shekel, year 131, PAA, letter Bet between legs, 13.94 g, 26 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8867**





**No. 470 ) Shekel, Year 131, PAA, unclear letter between legs, 13.95 g, 24 mm**



**No. 471 ) Shekel, Year 131, PAA, letter Bet between legs, 14.24 g**





**No. 472 ) Shekel, Year 131, PAA, letter Alef  
between legs, 14.33 g**



**No. 473 ) Shekel, Year 131, PAA, letter Alef  
between legs, 14.21 g**

The reading of the date, year 131 (PAA), on this and the next coin, Coin No. 474, are not certain. The monograms and the last Greek letter in their dates are all crude. They have a different letter below the eagle.

### 3.19 Tyre, Shekel, Year 132, 6/7 AD

The next two shekels of year 132 (PAB) display the same monogram but different Phoenician letters, Alef and Bet, between the legs of the eagle.



**No. 474 ) Shekel, Year 131, PAA, letter Alef between legs, 14.21 g**



**No. 475 ) Shekel, Year 132, PAB, letter Alef between legs, 14.29 g**



**No. 476 ) Shekel, Year 132, PAB, letter Bet  
between legs, 14.32 g**



**No. 477 ) Shekel, Year 132, PAB, letter Alef  
between legs, 14.07 g**

### 3.20 Tyre, Shekel, Year 133, 7/8 AD

The next two shekels of year 33 (PΛΓ) have the same monogram but different Phoenician letters, Alef and Bet.



**No. 478 ) Shekel, Year 133, PΛΓ, letter Alef  
between legs, 14.17 g**



**No. 479 ) Shekel, Year 133, PΛΓ, letter Alef  
between legs, unreported weight**



### 3.21 Tyre, Shekel, Year 134, 8/9 AD

The next two shekels of year 134 (PΛΔ) have nearly identical monograms. However, they have different Phoenician letters, Alef and Bet.



No. 480 ) Shekel, Year 134, PΛΔ, letter Alef  
between legs, unreported weight



No. 481 ) Shekel, Year 134, PΛΔ, letter Bet  
between legs, 14.25 g



### 3.22 Tyre, Shekel, Year 135, 9/10 AD

The next three shekels of year 135 (PÆ) appear to have nearly identical monograms. However, they have different Phoenician letters, Alef and Bet, or no letter.



**No. 482 ) Shekel, Year 135, PÆ, letter Bet  
between legs, 14.27 g**



**No. 483 ) Shekel, Year 135, PÆ, strange letter,  
possibly Alef, between legs, 14.33 g,  
Triton.6 474**



**No. 484 ) Shekel, Year 135, PAE, no letter  
between legs, 14.34 g**



**No. 485 ) Shekel, Year 135, PAE, letter Bet  
engraved over Alef between legs, 14.71 g**

**3.23 Tyre, Shekel, Year 136, 10/11 AD**

**No. 486 ) Shekel, Year 136, PΛΣ, letter Bet  
between legs, 14.26 g**

**3.24 Tyre, Shekel, Year 137, 11/12 AD**

The next two shekels of year 137 (PΛZ) have the same monogram but different Phoenician letters, Alef and Bet.

At an initial glance, Coin No. 487 seems to be an overdate, year 147, PMZ, over year 145, PME, where the Z (7) is over another letter, perhaps E (5). However, more likely the Z is reduced in size to fit under the top of the eagle's right wing.



**No. 487 ) Shekel, year 137, PΛZ, letter Alef  
between legs, 14.29 g, 27 mm, photo by  
courtesy of Israel Antiquities Authority, ISF-  
IAA 8882**



No. 488 ) Shekel, Year 137, ΠΑΖ, letter Βετ between legs, 14.28 g



No. 489 ) Shekel, Year 137, ΠΑΖ, unclear letter between legs, 13.7 g, photo by courtesy of the Hecht Museum, University of Haifa, Israel, Bir Zeit group



### 3.25 Tyre, Shekel, Year 138, 12/13 AD

The next two shekels of year 138 (PAH) have the same monogram but different Phoenician letters, Alef and Bet.



**No. 490 ) Shekel, Year 138, PAH, letter Alef  
between legs, 14.03g**



**No. 491 ) Shekel, Year 138, PAH, letter Bet  
between legs, unreported weight**



3.26 Tyre, Shekel, Year 139, 13/14 AD



No. 492 ) Shekel, year 139, PΛΘ, unclear letter between legs, 14.12 g, 26 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8888



No. 493 ) Shekel, Year 139, PΛΘ, letter Bet between legs, 14.2 g

### 3.27 Tyre, Shekel, Year 140, 14/15 AD




**No. 494 ) Shekel, Year 140, PM, letter Bet between legs, unreported weight**



**No. 495 ) Shekel, Year 140, PM, letter Bet between legs, unreported weight**

**Table 3-1. Other Shekels for Year 140(PM)**

|                 | Mono-gram                                                                             | Letter Between Legs of Eagle | Weight (grams) | Source     |
|-----------------|---------------------------------------------------------------------------------------|------------------------------|----------------|------------|
| <b>No. 496)</b> |  | Alef                         | 14.2           | Paris 2104 |

### 3.28 Tyre, Shekel, Year 141, 15/16 AD

The next two shekels of year 141 are identical varieties defined by their year, monogram and Phoenician letter. They differ in the alignment of the letters in the date.



**No. 497 ) Shekel, Year 141, PMA, letter Bet between legs, 14.12 g**



**No. 498 ) Shekel, Year 141, PMA, letter Bet between legs, unreported weight, 28 mm**



**No. 499 ) Shekel, year 141, PMA, letter Alef between legs, 13.92 g, 25 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8895**

### 3.29 Tyre, Shekel, Year 142, 16/17 AD



**No. 500 ) Shekel, Year 142, PMB, letter Bet between legs, 14.10 g**





**No. 501 ) Shekel, year 142, PMB, letter Alef between legs, 14.11 g, 25 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8897**



**No. 502 ) Shekel, year 142, PMB, letter Bet between legs, 14.16 g, 25 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8898**



**3.30 Tyre, Shekel, Year 143, 17/18 AD**



**No. 503 ) Shekel, Year 143, PMΓ, letter Bet between legs, 14.16 g**



**No. 504 ) Shekel, Year 143, PMΓ, letter Bet between legs, 14.16 g, 22 mm**



**No. 505 ) Shekel, Year 143, PMΓ, unclear letter between legs, 13.26 g, 25 mm**



**No. 506 ) Shekel, Year 143, PMΓ, letter Alef between legs, 14.07 g**

### 3.31 Tyre, Shekel, Year 144, 18/19 AD

For a modern replica of Coin No. 508, see Coin No. 981.



**No. 507 ) Shekel, year 143, PMΓ, unclear letter between legs, 14.13 g, 25 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8903**



**No. 508 ) Shekel, Year 144, PMΔ, letter Bet between legs, unreported weight**



**No. 509 ) Shekel, Year 144, PMΔ, letter Alef  
between legs, 14.32 g**



**No. 510 ) Shekel, Year 144, PMΔ, letter Bet  
between legs, 14.02 g**

### 3.32 Tyre, Shekel, Year 145, 19/20 AD

The next two coins have similar monograms and the same Phoenician letter Alef. The second might be just a later die state of the former coin.



**No. 511 ) Shekel, Year 144, PMΔ, letter Bet between legs, 14.01 g, 26 mm**



**No. 512 ) Shekel, Year 145, PME, letter Alef between legs, 13.94 g**





**No. 513 ) Shekel, Year 145, PME, letter Alef  
between legs, 13.94 g**



**No. 514 ) Shekel, year 145, PME, letter Alef  
between legs, 14.46 g, 24 mm, photo by  
courtesy of Israel Antiquities Authority, ISF-  
IAA 8918**



**No. 515 ) Shekel, Year 145, PME, letter Bet  
between legs, 14.15 g**



**No. 516 ) Shekel, Year 145, PME, letter Bet  
between legs, 14.00g**



**No. 517 ) Shekel, year 145, PME, letter Alef  
between legs, 14.09 g, 26 mm, photo by  
courtesy of Israel Antiquities Authority, ISF-  
IAA 8921**



**No. 518 ) Shekel, Year 145, PME, letter Alef  
between legs, 10.36 g, 30 mm**



**No. 519 ) Shekel, Year 145, PME, letter Bet  
between legs, 13.67 g, 25 mm**



**No. 520 ) Shekel, Year 145, PME, letter Bet  
between legs, 13.64 g, 25 mm**



3.33 Tyre, Shekel, Year 146, 20/21 AD



No. 521 ) Shekel, Year 145, PME, letter Alef between legs, 13.58 g, 25 mm



No. 522 ) Shekel, Year 146, PMÇ, unclear letter between legs, 14.12 g





**No. 523 ) Shekel, Year 146, PM $\zeta$ , letter Bet between legs, unreported weight**



**No. 524 ) Shekel, Year 146, PM $\zeta$ , letter Bet between legs, 12.98 g, 26 mm**



No. 525 ) Shekel, Year 146, PM $\zeta$ , letter Bet between legs, 14.02 g



No. 526 ) Shekel, year 146, PM $\zeta$ , letter Bet between legs, 14.22 g, 25 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8933



**No. 527 ) Shekel, Year 146, PM $\zeta$ , letter Bet between legs, 14.38 g**

### 3.34 Tyre, Shekel, Year 147, 21/22 AD



**No. 528 ) Shekel, Year 147, PMZ, no letter between legs, unreported weight**



**No. 529 ) Shekel, Year 147, PMZ, letter Bet  
between legs, 14.18 g**



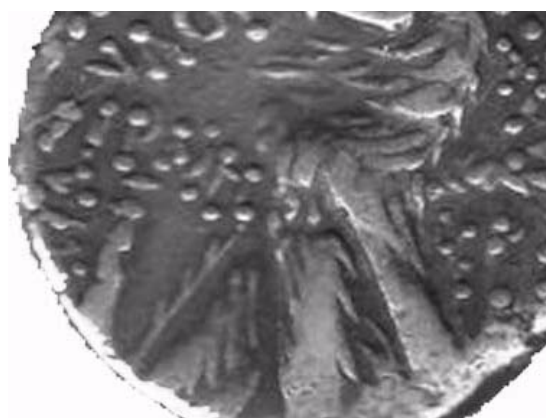
**No. 530 ) Shekel, Year 147, PMZ, letter Bet  
between legs, 14.18 g, from the Isfiya hoard,  
plate 9, number 1<sup>[21]</sup>**





**No. 531 ) Shekel, year 147, PMZ, letter Bet between legs, 14.11 g, 27 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8940**

### 3.35 Tyre, Shekel, Year 148, 22/23 AD



**No. 532 ) Shekel, Year 148, PMH, no letter between legs, 14.19 g**



### 3.36 Tyre, Shekel, Year 149, 23/24 AD

The shekels from the Isfiya hoard that are maintained by the Israel Antiquities Authority indicate two dated year 149. However, my inspection of their scanned photos shows one with an unreadable date and another, Coin No. 507, which is probably year 143. Coin No. 534 is from the Frank Kovacs collection. Coin No. 535 is in the author's collection and is a market acquisition.



**No. 533 ) Shekel, Year 148, PMH, no letter between legs, 13.83 g**



**No. 534 ) Shekel, Year 149, PMΘ, letter alef between legs, 13.94 g**

3.37 Tyre, Shekel, Year 150, 24/25 AD



**No. 535 ) Shekel, Year 149, PMΘ, unclear letter between legs, 13.8 g**



**No. 536 ) Shekel, Year 150, PN, unclear letter between legs, 14.21 g**

**Tyre, Shekel, Year 150, 24/25 AD**



**No. 537 ) Shekel, year 150, PN, unclear letter between legs, 14.06 g, 25 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9499**

**Dated Coins of Antiquity - Tyre**

The year on Coin No. 538 through Coin No. 540 is listed below as year 150 although it could be year 140.



**No. 538 ) Shekel, year 150, PN, letter Bet between legs, 14.02 g, 24 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8953**



**No. 539 ) Shekel, Year 150, PN, unclear letter between legs, 14.19 g, 23 mm**



**No. 540 ) Shekel, year 150, PN, letter Alef between legs, 14.24 g, 25 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8946**



**3.38 Tyre, Shekel, Year 151, 25/26 AD**



**No. 541 ) Shekel, Year 151, PNA, no letter  
between legs, 14.13 g**



**No. 542 ) Shekel, year 151, PNA, unclear letter  
between legs, 14.07 g, 25 mm, photo by  
courtesy of Israel Antiquities Authority, ISF-  
IAA 8957**



**3.39 Tyre, Shekel, Year 152, 26/27 AD**



**No. 543 ) Shekel, Year 152, PNB, no letter  
between legs, 13.26 g**



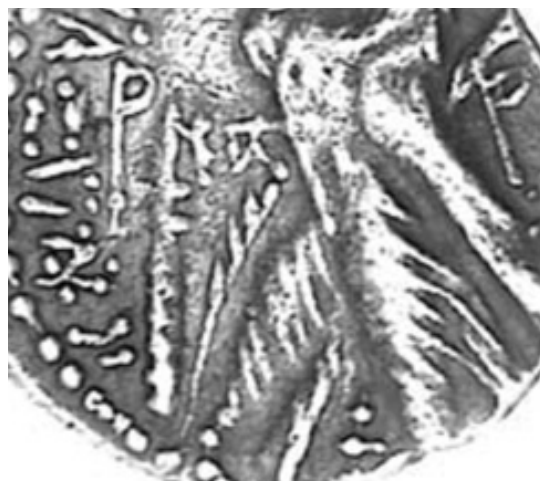
**No. 544 ) Shekel, Year 152, unclear letter  
between legs, 14.18 g**

### 3.40 Tyre, Shekel, Year 153, 27/28 AD

Coin No. 546 of year 153 (PNT) has an overdate. The digit 3 (Γ) is inscribed over the digit 1 (Α). Thus the coin is year 153 over 151.



**No. 545 ) Shekel, year 152, PNB, unclear letter between legs, 14.17 g, 265 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8960**



**No. 546 ) Shekel, Year 153 (PNT) over 151 (PNA), no letter between legs, 13.70 g**



**No. 547 ) Shekel, Year 153, PNT, letter Alef between legs, 14.23 g**



**No. 548 ) Shekel, Year 153, PNT, no letter between legs, unreported weight**

On the next shekel, the reading of the date as year 153 might not be correct. It is perhaps year 143.



No. 549 ) Shekel, Year 153, ΠΝΓ, no letter between legs, 12.86 g



No. 550 ) Shekel, Year 153, ΠΝΓ, no letter between legs, 13.87 g, from the Isfiya hoard, plate 9, number 2<sup>[21]</sup>





No. 551 ) Shekel, year 153,  $\text{PN}\Gamma$ , unclear letter between legs, 14.18 g, 26 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8966

### 3.41 Tyre, Shekel, Year 154, 28/29 AD



No. 552 ) Shekel, Year 154,  $\text{PN}\Delta$ , no letter between legs, 14.07 g





No. 553 ) Shekel, year 154, PNA, letter Alef between legs, 14.18 g, 26 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8967

3.42 Tyre, Shekel, Year 155, 29/30 AD



No. 554 ) Shekel, Year 155, PNE, no letter between legs, 14.24 g



**No. 555 ) Shekel, Year 155, PNE, no letter  
between legs, 12.5 g**

### 3.43 Tyre, Shekel, Year 156, 30/31 AD



**No. 556 ) Shekel, Year 156, PNÇ, no letter  
between legs, 14.14 g**



No. 557 ) Shekel, Year 156, PNÇ, no letter between legs, unreported weight



No. 558 ) Shekel, Year 156, unclear letter between legs, 14.37 g



**No. 559 ) Shekel, Year 156, unclear letter  
between legs, 14.1 g**



**No. 560 ) Shekel, Year 156, unclear letter  
between legs, 14.07 g, from the Isfiya hoard,  
plate 9, number 3a<sup>[21]</sup>**



**No. 561 ) Shekel, year 156, PNζ, unclear letter between legs, 14.15 g, 26 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9485**



**No. 562 ) Shekel, year 156, PNζ, letter Bet between legs, 14.19 g, 26 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8982**



### 3.44 Tyre, Shekel, Year 157, 31/32 AD



No. 563 ) Shekel, Year 157, no letter between legs, 14.16 g

The year on the remaining shekels in this section is not certain. Although the year might be year 157, PNZ, a reading of year 147, PMZ, is a reasonable alternate reading.



No. 564 ) Shekel, year 157, PNZ, unclear letter between legs, 14.19 g, 25 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9225



**No. 565 ) Shekel, year 157, PNZ, unclear letter between legs, 14.14 g, 25 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8985**



**No. 566 ) Shekel, Year 157, PNZ, no letter between legs, 13.93 g**



**No. 567 ) Shekel, Year 157, letter Bet between legs, 14.22g, 24 mm**



**No. 568 ) Shekel, Year 157, letter Bet between legs, 14.19 g**

**3.45 Tyre, Shekel, Year 158, 32/33 AD**



**No. 569 ) Shekel, Year 158, PNH, no letter  
between legs, 14.34 g**



**No. 570 ) Shekel, Year 158, PNH, no letter  
between legs, 14.39 g, 23 mm**





**No. 571 ) Shekel, Year 158, PNH, no letter  
between legs, 14.06 g**



**No. 572 ) Shekel, Year 158, PNH, no letter  
between legs, 14.16 g, from the Isfiya hoard,  
plate 10, number 5<sup>[21]</sup>**





**No. 573 ) Shekel, year 158, PNH, unclear letter between legs, 14.45 g, 24 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9228**



**No. 574 ) Shekel, year 158, PNH, unclear letter between legs, 14.1 g, 25 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8986**

3.46 Tyre, Shekel, Year 159, 33/34 AD



No. 575 ) Shekel, Year 159, PNΘ, letter Alef  
between legs, 13.99 g



No. 576 ) Shekel, Year 159, PNΘ, letter Bet  
between legs, unreported weight



**No. 577 ) Shekel, Year 159, PNΘ, letter Alef  
between legs, 14.23 g, 25 mm**



**No. 578 ) Shekel, Year 159, PNΘ, letter Bet  
between legs, 14.23 g**



**No. 579 ) Shekel, Year 159, PNΘ, letter Bet  
between legs, unreported weight**





### 3.47 Tyre, Shekel, Year 160, 34/35 AD

The next two shekels of year 160 (PΞ) have the same monogram but different Phoenician letters between the legs of the eagle.



**No. 580 ) Shekel, Year 160, PΞ, letter Alef  
between legs, 14.21 g, 25 mm**



**No. 581 ) Shekel, Year 160, PΞ, letter Bet  
between legs, 13.99 g**



**No. 582 ) Shekel, year 160, PΞ, unclear letter  
between legs, unreported weight**



**No. 583 ) Shekel, Year 160, PΞ, unclear letter  
between legs, 14.47 g, 26 mm**





**No. 584 ) Shekel, Year 160, PΞ, unclear letter between legs, 13.74 g, 25 mm**



**No. 585 ) Shekel, year 160, PΞ, letter Bet between legs, 14.24, 24 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9009**

**3.48 Tyre, Shekel, Year 161, 35/36 AD**

The Phoenician letter BET between the legs of the eagle is engraved crudely over the letter Alef on Coin No. 587. Coin No. 588 shows the same date and monogram but only the letter Alef.



**No. 586 ) Shekel, year 160, PΞ, letter Alef between legs, 14.20 g, 24 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9006**



**No. 587 ) Shekel, Year 161, PΞA, letter Alef between legs, 14.29 g, 23 mm**





**No. 588 ) Shekel, Year 161, PΞA, letter Alef between legs, 14.31 g**

The next two shekels of year 161 (PΞA) have the same monogram but different Phoenician letters between the legs of the eagle.



**No. 589 ) Shekel, year 161, PΞA, letter Alef between legs, 14.25 g, 25 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9011**





**No. 590 ) Shekel, Year 161, PEA, letter Bet  
between legs, 13.55 g**



**No. 591 ) Shekel, Year 161, PEA, letter Alef  
between legs, 14.2 g**

### 3.49 Tyre, Shekel, Year 162, 36/37 AD

The next two shekels of year 162 (P $\Xi$ B) have the same monogram but different Phoenician letters between the legs of the eagle.



**No. 592 ) Shekel, Year 161, P $\Xi$ A, letter Bet between legs, unreported weight**



**No. 593 ) Shekel, year 162, P $\Xi$ B, letter Alef between legs, 13.84 g, 25 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9038**



No. 594 ) Shekel, Year 162, PEB, letter Bet between legs, 13.88 g



No. 595 ) Shekel, year 162, PEB, letter Bet between legs, 14.29 g, 23 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9035



**No. 596 ) Shekel, Year 162, PEB, letter Bet between legs, 14.38 g**

The next two shekels of year 162 (PEB) have the same monogram but different Phoenician letters between the legs of the eagle. Two more shekels, Coin No. 599 and Coin No. 600, have a similar monogram with a prominent added dot.



**No. 597 ) Shekel, Year 162, PEB, letter Alef between legs, 14.15 g**



**No. 598 ) Shekel, Year 162, POB, letter Bet between legs, 14.41 g, 23 mm**



**No. 599 ) Shekel, Year 162, POB, letter Bet between legs, 13.98 g**





**No. 600 ) Shekel, Year 162, POB, letter Bet  
between legs, 14.21 g, 25 mm**



**No. 601 ) Shekel, Year 162, POB, letter Bet  
between legs, 14.37 g, 22 mm**

### 3.50 Tyre, Shekel, Year 163, 37/38 AD

The next two shekels of year 163 (PΞΓ) have the same monogram but different Phoenician letters between the legs of the eagle.



**No. 602 ) Shekel, Year 163, PΞΓ, letter Alef between legs, 14.23 g**



**No. 603 ) Shekel, Year 163, PΞΓ, letter Bet between legs, 14.43 g**



**No. 604 ) Shekel, Year 163, ΠΕΓ, letter Bet between legs, 13.93 g**



**No. 605 ) Shekel, year 163, ΠΕΓ, letter Alef between legs, 14.28 g, 26 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9049**

3.51 Tyre, Shekel, Year 164, 38/39 AD



No. 606 ) Shekel, Year 164,  $P\Xi\Delta$ , letter Bet between legs, 14.11 g



No. 607 ) Shekel, year 164,  $P\Xi\Delta$ , letter Bet between legs, 14.14 g, 24 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9055



The next two shekels of year 164 (PΞΔ) have the same date and monogram but different Phoenician letters between the eagle legs.



**No. 608 ) Shekel, year 164, PΞΔ, letter Alef between legs, 14.21 g, 25 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9056**



**No. 609 ) Shekel, Year 164, PΞΔ, letter Bet between legs, 13.90 g, 23 mm**



### 3.52 Tyre, Shekel, Year 165, 39/40 AD

The next two shekels of year 165 (PΞE) have the same date and monogram but different Phoenician letters between the eagle legs.



No. 610 ) Shekel, Year 165, PΞE, letter Alef between legs, 13.98 g



No. 611 ) Shekel, Year 165, PΞE, letter Bet between legs, unreported weight



No. 612 ) Shekel, Year 165, PEE, unclear letter between legs, 14.06 g



No. 613 ) Shekel, Year 166, PEC, letter Alef between legs, 14.46 g



**No. 614 ) Shekel, year 166, ΠΞζ, letter Bet between legs, 14.18 g, 22 to 26 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9069**



**No. 615 ) Shekel, year 166, ΠΞζ, letter Bet between legs, 14.22 g, 27 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9070**

### 3.54 Tyre, Shekel, Year 167, 41/42 AD

The next two shekels have the same date and monogram but different Phoenician letters between the eagle legs.



**No. 616 ) Shekel, Year 167, PEZ, letter Alef between legs, 13.10 g, 22 to 25 mm**



**No. 617 ) Shekel, Year 167, PEZ, letter Bet between legs, 11.78 g, 25 mm**



3.55 Tyre, Shekel, Year 168, 42/43 AD



**No. 618 ) Shekel, year 168, PΞH, letter Bet between legs, 14.16 g, 25 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9078**

Coin No. 619 appears to be struck over another coin. The original coin is most noticeable to the right of Melkart's face and under his chin. The photograph is courtesy of David Vagi.



**No. 619 ) Shekel, year 168, PΞH, letter Bet between legs, 14.09 g, 26 mm, Overstrike**



### 3.56 Tyre, Shekel, Year 169, 43/44 AD

The next two shekels have the same date and monogram but different Phoenician letters, Alef and Bet, between the eagle legs.



No. 620 ) Shekel, Year 169,  $\text{PE}\Theta$ , letter Alef between legs, 14.25 g, from the Isfiya hoard, plate 22, number 108<sup>[21]</sup>



No. 621 ) Shekel, Year 169,  $\text{PE}\Theta$ , letter Bet between legs, 14.09 g

The next two shekels have identical features - the same date, monogram and Phoenician letter Bet. However, Coin No. 622, has a counterstamped  $\Theta$  (Theta) in front of the face. Cecilia Meir highlighted this anomaly on Coin No. 622 and Coin No. 627 in her three-part series on shekels from the Isfiya hoard.<sup>[20][21][22]</sup>



**No. 622 ) Shekel, Year 169,  $P\Xi\Theta$ , letter Bet between legs, 14.29 g, from the Isfiya hoard, plate 22, number 111<sup>[21]</sup>**



**No. 623 ) Shekel, Year 169,  $P\Xi\Theta$ , letter Bet between legs, 13.05 g**

Coin No. 623 and Coin No. 624 have the same year 169, PΞΘ, and monogram but different Phoenician letters, Alef and Bet



**No. 624 ) Shekel, year 169, PΞΘ, letter Alef between legs, 14.51 g, 24 to 25 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9084**



**No. 625 ) Shekel, year 169, PΞΘ, letter Bet between legs, 14.34 g, 23 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9088**



Coin No. 626 has an overdate. The year 169, PΞΘ, was engraved over 168, (PΞH). Specifically, the numeral Θ was engraved over H.



No. 626 ) Shekel, year 169, PΞΘ, over 168, (PΞH), letter Alef between legs, 13.94 g, Numeral Θ is engraved over H.

### 3.57 Tyre, Shekel, Year 170, 44/45 AD

Coin No. 627 is another shekel with a counterstamped Θ (Theta) in front of the face. The obverse die was the same used on Coin No. 622, also showing this counterstamp.



No. 627 ) Shekel, Year 170, PO, letter Alef between legs, unreported weight, from the Isfiya hoard, plate 22, number 113<sup>[21]</sup>

The next two shekels have the same date and monogram but different Phoenician letters between the eagle legs.



**No. 628 ) Shekel, Year 170, PO, letter Alef  
between legs, unreported weight**



**No. 629 ) Shekel, Year 170, PO, letter Bet  
between legs, 14.33 g**





No. 630 ) Shekel, Year 170, PO, letter Bet  
between legs, 14.31 g from the Isfiya hoard,  
plate 23, number 122<sup>[21]</sup>



No. 631 ) Shekel, Year 170, PO, letter Bet  
between legs, 14.30 g, 26 mm



**No. 632 ) Shekel, Year 170, PO, letter Bet between legs, 14.19 g, from the Isfiya hoard, plate 22, number 117<sup>[21]</sup>**



**No. 633 ) Shekel, year 170, PO, letter Bet between legs, 13.98 g, 26 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9378**

3.58 Tyre, Shekel, Year 171, 45/46 AD



No. 634 ) Shekel, Year 171, POA, letter Bet between legs, 14.04 g



No. 635 ) Shekel, year 171, POA, letter Bet between legs, 14.09 g, 26 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9105

The next two shekels have the same date and monogram but different Phoenician letters between the eagle legs.



**No. 636 ) Shekel, year 171, POA, letter Alef between legs, 14.12 g, 25 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9099**



**No. 637 ) Shekel, Year 171, POA, letter Bet between legs, 14.31 g**





No. 638 ) Shekel, Year 171, POA, letter Alef between legs, 14.21 g, from the Isfiya hoard, plate 22, number 125<sup>[21]</sup>

### 3.59 Tyre, Shekel, Year 172, 46/47 AD



No. 639 ) Shekel, Year 172, POB, unclear letter between legs, 14.10 g



The next two shekels are nearly identical except for the style of the monogram.



**No. 640 ) Shekel, Year 172, POB, letter Bet  
between legs, 14.14 g, from the Isfiya hoard,  
plate 22, number 137<sup>[21]</sup>**

The Isfiya hoard contained a shekel with the same monogram as No. 641 but with Phoenician letter Alef instead of Bet.



**No. 641 ) Shekel, Year 172, POB, letter Bet  
between legs, 14.37 g, 24 mm**



No. 642 ) Shekel, Year 172, POB, letter Alef  
between legs, 14.30 g



No. 643 ) Shekel, Year 172, POB, letter Bet  
between legs, 14.30 g



**No. 644 ) Shekel, Year 172, POB, letter Alef between legs, 14.42 g**



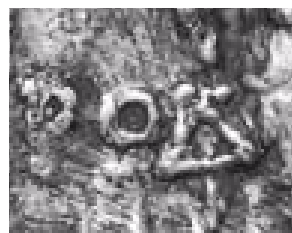
**No. 645 ) Shekel, year 173, ΠΟΓ, letter Alef between legs, 14.02 g, 25 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9124**

### 3.61 Tyre, Shekel, Year 174, 48/49 AD

No. 647 is an overdate. Refer to the introduction for a list of all overdates on the shekels.<sup>1</sup>



**No. 646 ) Shekel, Year 173, POΓ, letter Alef between legs, unreported weight**



**No. 647 ) Shekel, Year 174 over 173, POΔ, where Δ is engraved over Γ, no letter between legs, 13.84 g**

1. My thanks to David Vagi for pointing out this coin to me.





**No. 648 ) Shekel, Year 174, POΔ, letter Aleph between legs, 14.26 g**



**No. 649 ) Shekel, Year 174, POΔ, letter Bet between legs, 13.90 g**



**3.62 Tyre, Shekel, Year 175, 49/50 AD**

The next two shekels have the same date and monogram but different Phoenician letters between the eagle legs.



**No. 650 ) Shekel, Year 174, POΔ, letter Alef between legs, unreported weight**



**No. 651 ) Shekel, year 175, POE, letter Alef between legs, 14.47 g, 26 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9133**



**No. 652 ) Shekel, Year 175, POE, letter Bet between legs, unreported weight**



**No. 653 ) Shekel, Year 175, POE, letter Bet between legs, 14.42 g, 25 mm, from the Isfiya hoard, plate 26, number 156<sup>[21]</sup>, also ISF-IAA 9138**



**No. 654 ) Shekel, year 175, POE, letter Bet  
between legs, 14.14 g, 24 to 26 mm, photo by  
courtesy of Israel Antiquities Authority, ISF-  
IAA 9464**



**No. 655 ) Shekel, year 175, POE, letter Bet  
between legs, 14.27 g, 23 mm, photo by  
courtesy of Israel Antiquities Authority, ISF-  
IAA 9139**

### 3.63 Tyre, Shekel, Year 176, 50/51 AD

Coin No. 656 has an overdate, year 176 over 175 where the 6 (ς) is engraved over 5 (E).



**No. 656 ) Shekel, Year 176, POC, over Year 175, letter Bet between legs, 14.17 g**

The next two shekels have the same date and monogram but different Phoenician letters between the eagle legs.



**No. 657 ) Shekel, Year 176, POC, letter Alef between legs, 13.10 g**



**No. 658 ) Shekel, Year 176, POϚ, letter Bet  
between legs, 13.78 g**



**No. 659 ) Shekel, Year 176, POϚ, letter Bet  
between legs, 13.78 g, 23 mm, from the Isfiya  
hoard, plate 27, number 164<sup>[21]</sup>**





**No. 660 ) Shekel, year 176, POZ, letter Bet between legs, 14.06 g, 23 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9142**

### 3.64 Tyre, Shekel, Year 177, 51/52 AD

The next two shekels of year 177 (POZ) have the same monogram but different Phoenician letter between the legs of the eagle. Also refer to Coin No. 982 for a possible cast forgery with the same monogram and Phoenician letter Alef as the next shekel.



**No. 661 ) Shekel, Year 177, POZ, letter Alef between legs, 14.20 g**



No. 662 ) Shekel, Year 177, POZ, letter Bet  
between legs, 13.90 g



No. 663 ) Shekel, Year 177, POZ, letter Bet  
between legs, 13.90 g, 26 mm, from the Isfiya  
hoard, plate 27, number 168<sup>[21]</sup>

### 3.65 Tyre, Shekel, Year 178, 52/53AD

On Coin No. 664, year 178 (POH), the normal KP monogram appears reversed as PK. This coin is from the Isfiya hoard. On Coin No. 665, the KP monogram is expressed normally.

Also, these next two shekels appear to have the same monogram but the Phoenician letters Alef and Bet are different.



**No. 664 ) Shekel, Year 178, POH, letter Alef between legs, 13.24 g**



**No. 665 ) Shekel, year 178, POH, letter Bet between legs, 14.14 g, 24 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9156**

3.66 Tyre, Shekel, Year 179, 53/54AD



**No. 666 ) Shekel, Year 179, POΘ, letter Alef  
between legs, 14.02 g, 24 mm**

Levy listed two additional records for shekels of year 179, POΘ. However, neither the monogram nor most of the other data are known to me (refer to Section 10.11).

### 3.67 Tyre, Shekel, Year 180, 54/55 AD

The next two half shekels with year 180, ΠΠ, have the same monogram but different Phoenician letters.



**No. 667 ) Shekel, Year 180, ΠΠ, letter Alef between legs, 14.04 g**



**No. 668 ) Shekel, Year 180, ΠΠ, letter Bet between legs, 12.82 g, 13 mm**



### 3.68 Tyre, Shekel, Year 181, 55/56 AD



**No. 669 ) Shekel, Year 181 (PΠA), unclear letter between legs, 13.22 g, 28 mm. Photo courtesy of Bassam Barakat Antiquities, Jerusalem**

Coin No. 669 and Coin No. 669A appear to be struck from the same obverse and reverse die. BMC listed the date on Coin No. 669A as year 181 but uncertain. The concern is whether the last letter in the date is an A or Δ. The die link with Coin No. 669 appears to confirm the year on Coin No. 669A. Levy also recorded one auction that offered a shekel of year 181 (PΠA). Refer to Section 10.11.



**No. 669A Shekel, Year 181 (PΠA), unclear letter between legs, 14.11 g, BMC 211 (plate XXX, 9)**

**3.69 Tyre, Shekel, Year 182, 56/57 AD**



**No. 670 ) Shekel, Year 182 (PΠB), letter Bet between legs, 13.45g, 23 mm**

**3.70 Tyre, Shekel, Year 183, 57/58 AD**



**No. 671 ) Shekel, year 183, PΠΓ, letter Aleph between legs, 13.7 g, photo by courtesy of the Hecht Museum, University of Haifa, Israel, Bir Zeit group**

3.71 Tyre, Shekel, Year 184, 58/59 AD

Levy recorded three citations for a shekel of year 184 (PΠΔ). Danny Herman observed one in a Beirut collection. Refer to Section 10.11.

Table 3-2. Other Shekels for Year 184 (PΠΔ)

|          | Mono-gram    | Letter Between Legs of Eagle | Weight (grams) | Source                               |
|----------|--------------|------------------------------|----------------|--------------------------------------|
| No. 672) | PE           | not clear                    | 13.9           | American University Beirut 91 (1369) |
| No. 673) | not reported | not reported                 | 14.12          | NY ANS                               |
| No. 674) | not reported | not reported                 | 2114A          | Paris                                |

3.72 Tyre, Shekel, Year 185, 59/60 AD



No. 675 ) Shekel, Year 185 (PΠE), letter Alef between legs, unreported weight

### 3.73 Tyre, Shekel, Year 186, 60/61 AD



No. 676 ) Shekel, Year 186, ΠΠζ, letter Bet between legs, 13.73 g, Gemini VI, January 10, 2010, lot 261



No. 677 ) Shekel, year 186, ΠΠζ, unclear letter between legs, 13.96 g, photo by courtesy of the Hecht Museum, University of Haifa, Israel, Bir Zeit group



**3.74 Tyre, Shekel, Year 187, 61/62 AD**



**No. 678 ) Shekel, Year 187, PΠZ, letter Bet  
between legs, 13.66 g**

**3.75 Tyre, Shekel, Year 188, 62/63 AD**



**No. 679 ) Shekel, Year 188, PΠH, letter Bet  
between legs, 14.19 g, Gamla 18389**



### 3.76 Tyre, Shekel, Year 189, 63/64 AD



No. 680 ) Shekel, Year 189, ΠΠΘ, letter Alef  
between legs, 14.1 g, Gamla 18388

### 3.77 Tyre, Shekel, Year 190, 64/65 AD

It appears that the date area of No. 681 was removed in antiquity and replaced with the current year, 190, ΠϞ.



No. 681 ) Shekel, Year 190, ΠϞ, letter Bet  
between legs, 13.80 g

### 3.78 Tyre, Shekel, Year 191, 65/66 AD

Coin No. 682 with year 191, **ΠΑ**, is the last shekel of the series. Its monogram matches that on the year 191 half shekel, Coin No. 922. I thank David Vagi of Numismatic Guaranty Corporation (NGC) for bringing this shekel to my attention.

Using X-ray fluorescence (XRF), a technology using non-destructive analysis, NGC analyzed the components of this shekel at two surface areas. One yielded 97.80% silver, 1.42% gold and 0.53% copper. The second analysis produced 98.22% silver, 1.33% gold and 0.20% copper. Approximate trace amounts of other metals included 0.45% Titanium and 0.15% Iron. Notis and others pointed out in a separate study that XRF accuracy is susceptible to surface contamination.<sup>[25]</sup>



No. 682 ) Shekel, Year 191, ΠΑ, letter Alef between legs, 13.28 g, 24 mm

### 3.79 Tyre, Shekel, Year Crude and Illegible

There are many shekels where the date is crudely engraved and illegible. Finders of the Isfiya hoard estimated that about 15 percent of the hoard had these kinds of dates. The examples in this section show an apparent KP above an indeterminate monogram. Frequently these shekels have what appears to be the year starting with 14x (PM-) or 15x (PN-), 14 to 33 AD.



No. 683 ) Shekel, year illegible, unclear letter between legs, 14.26 g



No. 684 ) Shekel, year illegible, unclear letter between legs, 14.14 g



**No. 685 ) Shekel, year illegible, unclear letter  
between legs, 14.20 g**



**No. 686 ) Shekel, year illegible, unclear letter  
between legs, 14.30 g, 25 mm**





No. 687 ) Shekel, year illegible, unclear letter between legs, 14.24 g



No. 688 ) Shekel, year illegible, unclear letter between legs, 14.30 g, 24 mm

The next shekel is possibly dated year 140 (PM). However the purpose of the three engraver's guide marks, the three dots to the left of the eagle's forward leg, would require explanation. Another reading might be year 131 but the partial monogram does not match any for that year.



Coin No. 689 might be year 140. However, confirmed shekels of this year, such as Coin No. 495, show a clear date 140 (PM) and monogram.



**No. 689 ) Shekel, year illegible, letter Bet between legs, 14.29 g, 25 mm**



**No. 690 ) Shekel, year illegible, unclear letter between legs, unreported weight**

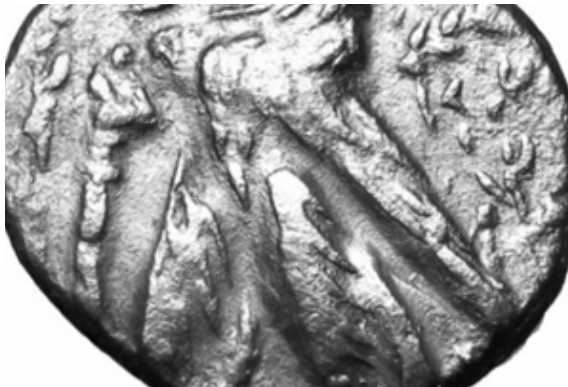
The next shekel is dated PM(?), 14(?), where the right numeral in the date is unclear. Four alignment punches (dots) were in place for completing the letter.



No. 691 ) Shekel, year illegible, unclear letter between legs, 14.24 g



No. 692 ) Shekel, year unreadable, unclear letter between legs, 14.09 g, 23 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8959



**No. 693 ) Shekel, year unreadable, unclear letter  
between legs, 14.17 g, 27 mm**



**No. 694 ) Shekel, year unreadable, unclear letter  
between legs, 13.23 g**



**No. 695 ) Shekel, year unreadable, unclear letter between legs, unreported weight**

The next shekel is possibly dated PN(?), 15(?), where the right numeral in the date is unclear.



**No. 696 ) Shekel, year illegible, unclear letter between legs, 14.21 g**

## Tyre, Shekel, Year Crude and Illegible

The next shekel is possibly dated PN(?), 15(?), where the right numeral in the date is unclear.



**No. 697 ) Shekel, year illegible, unclear letter between legs, 13.80 g, 27 mm**

## Dated Coins of Antiquity - Tyre

A possible reading of the date for Coin No. 698 is year 153.



**No. 698 ) Shekel, year illegible, letter Bet between legs, unreported weight**





No. 699 ) Shekel, year illegible, unclear letter between legs, 14.30 g



No. 700 ) Shekel, year illegible, unclear letter between legs, 14.21 g



**No. 701 ) Shekel, year illegible, letter Bet  
between legs, 12.3 g**



**No. 702 ) Shekel, year illegible, no letter between  
legs, 14.33 g**



**No. 703 ) Shekel, year illegible, no letter between legs, 14.2 g, 27 mm**



**No. 704 ) Shekel, year illegible, no letter between legs, 14.3 g, 24 mm**



No. 705 ) Shekel, year illegible, no letter between legs, 14.19 g



No. 706 ) Shekel, year illegible, no letter between legs, unreported weight



**No. 707 ) Shekel, year illegible, no letter between legs, unreported weight**



**No. 708 ) Shekel, year illegible, no letter between legs, 14.17 g, 25 mm**





**No. 709 ) Shekel, year illegible, no letter between legs, 14.2 g, Gamla hoard 20112**



**No. 710 ) Shekel, year illegible, unclear letter between legs, 14.18 g, 23 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8944**



**No. 711 ) Shekel, year illegible, letter Bet between legs, 14.0 g, 26 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8893**



**No. 712 ) Shekel, year illegible, no letter between legs, 14.1 g, 26 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8956**



**No. 713 ) Shekel, year illegible, unclear letter between legs, 14.25 g, 26 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9223**



**No. 714 ) Shekel, year illegible, unclear letter between legs, unreported weight**



**No. 715 ) Shekel, year illegible, unclear letter between legs, 13.25 g**



**No. 716 ) Shekel, unreadable year, possibly an overdate, letter Alef over Bet between legs, 14.31 g, 26 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9010**

The next three shekels appear to show an attempt by the engraver to correct an engraving error in the year. The monograms are different. In addition the Phoenician letter Alef might be engraved over Bet on Coin No. 716.



**No. 717 ) Shekel, unreadable year, possibly an overdate, letter Alef over Bet between legs, 13.44 g, 24 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9252**



**No. 718 ) Shekel, unreadable year, possibly an overdate, letter Bet between legs, 14.03 g, photo by courtesy of the Hecht Museum, University of Haifa, Israel, OSF-HEC 681**



The date on Coin No. 719 might be year 143 (PMΔ) or year 146 (PMζ) although other readings are possible.



**No. 719 ) Shekel, unreadable year, possibly year 143 (PMΓ) or year 146 (PMζ), unclear letter between legs, 14.04 g, 24 mm**

**Tyre, Shekel, Year Crude and Illegible**

### Dated Coins of Antiquity - Tyre

#### 4. TYRE HALF SHEKELS, DCA 921

##### 4.1 Tyre, Half Shekel, Year 1, 126/125 BC



No. 720 ) Half Shekel, Year 1, LA, no letter  
between legs, 6.43 g



No. 721 ) Half Shekel, Year 1, A, no letter  
between legs, 7.06 g



**No. 722 ) Half Shekel, Year 1, A, no letter  
between legs, 6.75 g, BMC 213**

4.2 Tyre, Half Shekel, Year 2, 125/124 BC



No. 723 ) Half Shekel, Year 2, LB, no letter  
between legs, 6.94 g



No. 724 ) Half Shekel, Year 2, B, letter Alef  
between leg, 6.85 g, Gamla hoard, 17548



4.3 Tyre, Half Shekel, Year 3, 124/123 BC

On Coin No. 725, both the monogram and the Phoenician letter appear between the legs of the eagle.



No. 725 ) Half Shekel, Year 3, LΓ, letter Bet between legs, 7.08 g, 21 mm

4.4 Tyre, Half Shekel, Year 4, 123/122 BC



No. 726 ) Half Shekel, Year 4, LΔ, unclear letter between legs, unclear monogram, 6.76 g

Table 4-1. Half Shekel for Year 4 (Δ)

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source  |
|----------|-----------|------------------------------|----------------|---------|
| No. 727) | ΖΒ        | Bet                          | 7.18           | BMC 214 |

## 4.5 Tyre, Half Shekel, Year 5, 122/121 BC

Table 4-2. Half Shekel for Year 5 (LE)

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source  |
|----------|-----------|------------------------------|----------------|---------|
| No. 728) | M         | Bet                          | 6.59           | BMC 215 |

## 4.6 Tyre, Half Shekel, Year 6, 121/120 BC



No. 729 ) Half Shekel, Year 6, L[, letter Bet between legs, no monogram, 6.41 g, 21 mm

Table 4-3. Other Half Shekels for Year 6 (ζ)

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source                                |
|----------|-----------|------------------------------|----------------|---------------------------------------|
| No. 730) | M         | Bet                          | 7.07           | American University Beirut 21 (C1268) |

4.7 Tyre, Half Shekel, Year 7, 120/119 BC



No. 731 ) Half Shekel, Year 7, LZ, letter Alef between legs, 6.88 g, 21 mm

4.9 Tyre, Half Shekel, Year 9, 118/117 BC



No. 733 ) Half Shekel, Year 9, LΘ, letter Bet between legs, 6.77 g, 20 mm

4.8 Tyre, Half Shekel, Year 8, 119/118 BC

Table 4-4. Half Shekel for Year 8 (LH)

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source  |
|----------|-----------|------------------------------|----------------|---------|
| No. 732) | Β         | Bet                          | 6.77           | BMC 217 |

4.10 Tyre, Half Shekel, Year 11, 116/115 BC



No. 734 ) Half Shekel, Year 11, ΑΙ, letter Bet between legs, 7.11 g

4.11 Tyre, Half Shekel, Year 13, 114/113 BC



No. 735 ) Half Shekel, Year 13, ΓΙ, no letter between legs, 7.08 g, 24 mm



**No. 736 ) Half Shekel, Year 13, Γ, letter Bet  
between legs, 7.10 g**



**No. 737 ) Half Shekel, Year 13, Γ, letter Bet  
between legs, 6.94 g**

The date on Coin No. 737 is listed below as year 13 (Γ). Its style, Phoenician letter and monogram are similar to Coin No. 736, which is year 13. The date might actually be year 80 (Π), which has not been confirmed.



4.12 Tyre, Half Shekel, Year 14, 113/112 BC



No. 738 ) Half Shekel, Year 14, Δ, letter Bet  
between legs, unreported weight

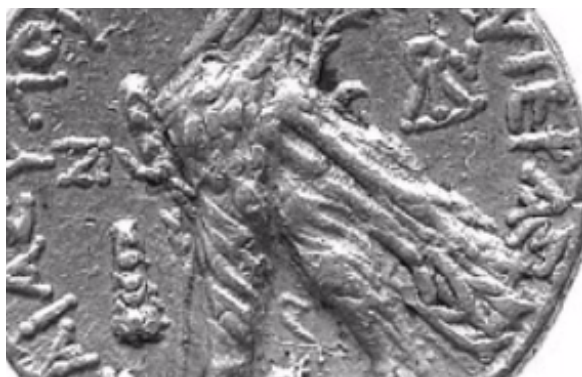
4.13 Tyre, Half Shekel, Year 16, 111/110 BC



No. 739 ) Half Shekel, Year 16, ζ, letter Bet  
between legs, 7.08 g, 24 mm

#### 4.14 Tyre, Half Shekel, Year 17, 110/109 BC

The Phoenician letter Bet on Coin No. 740 is backward.



**No. 740 ) Half Shekel, Year 17, ZN, letter Bet  
between legs, 7.09 g**

Note: A half shekel described as year 17 (Z), “18 AD”, was offered in the Superior Auction, December 8, 1995, lot 1563. The weight was listed as 7.1 grams. However, the description was incorrect. While the lot description for this half shekel said the date was year 17, the date was possibly year 143. Beside showing a KP monogram, the additional monogram on the coin was similar to that on the year 143 half shekel, (No. 852) shown in this photo supplement.

**4.15 Tyre, Half Shekel, Year 20, 107/106 BC**



**No. 741 ) Half Shekel, Year 20, LK, letter Bet  
between legs, 7.00 g, 21 mm**

**4.16 Tyre, Half Shekel, Year 21, 106/105 BC**



**No. 742 ) Half Shekel, Year 21, AK, letter Alef  
between legs, 6.96 g, 24 mm**

4.17 Tyre, Half Shekel, Year 22, 105/104 BC



No. 743 ) Half Shekel, Year 22, BK, letter Alef  
between legs, 7.10 g

4.18 Tyre, Half Shekel, Year 24, 103/102 BC



No. 744 ) Half Shekel, Year 24, ΔK, letter Alef  
between legs, 6.71 g



No. 745 ) Half Shekel, Year 24, ΔK, letter Alef between legs, 6.93 g, 23 mm

4.19 Tyre, Half Shekel, Year 28, 99/98 BC (year not reported)

Lönnqvist listed with photograph a half shekel with year 28 (HK).<sup>[18]</sup>, number 95 The photograph showed a coin with year 48 (HM). Therefore a half shekel of year 28 is still unreported.

4.20 Tyre, Half Shekel, Year 30, 97/96 BC

Danny Herman has reported a half shekel dated year 30 (LΛ) in a public collection. Refer to Section 10.8.

Table 4-5. Half Shekel for Year 30 (LΛ)

|          | Mono-gram    | Letter Between Legs of Eagle | Weight (grams) | Source            |
|----------|--------------|------------------------------|----------------|-------------------|
| No. 746) | not reported | not reported                 | not reported   | public collection |

4.21 Tyre, Half Shekel, Year 32, 95/94 BC



No. 747 ) Half Shekel, Year 32, BΛ, letter Alef between legs, 6.78 g, 20 mm



4.22 Tyre, Half Shekel, Year 33, 94/93 BC



No. 748 ) Half Shekel, Year 33, ΓΛ, letter Alef between legs, 7.04 g, 23 mm

4.23 Tyre, Half Shekel, Year 34, 93/92 BC



No. 750 ) Half Shekel, Year 34, ΔΛ, letter Bet between legs, 7.08 g, 21 mm

Table 4-6. Other Half Shekels for Year 33 (ΓΛ)

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source  |
|----------|-----------|------------------------------|----------------|---------|
| No. 749) | ⲁⲡ        | Bet                          | 6.60           | BMC 221 |

4.24 Tyre, Half Shekel, Year 35, 92/91BC



No. 751 ) Half Shekel, Year 35, EA, letter Alef between legs, 6.98 g



No. 753 ) Half Shekel, Year 35, EA, no letter between legs, 6.96 g

Table 4-7. Other Half Shekels for Year 35 (EA)

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source                                |
|----------|-----------|------------------------------|----------------|---------------------------------------|
| No. 752) |           | Bet                          | 6.81           | American University Beirut 48 (C1301) |

4.25 Tyre, Half Shekel, Year 36, 91/90 BC



No. 754 ) Half Shekel, Year 36,  $\varsigma\Lambda$ , letter Alef  
between legs, 6.93 g



No. 755 ) Half Shekel, Year 36,  $\varsigma\Lambda$ , letter Bet  
between legs, 7.06 g



**No. 756 ) Half Shekel, Year 36,  $\varsigma\Lambda$ , letter Bet between legs, 7.13 g, 22 mm**



**No. 757 ) Half Shekel, Year 36,  $\varsigma\Lambda$ , letter Alef between legs, 7.24 g**

**4.26 Tyre, Half Shekel, Year 37, 90/89 BC**

The next two half shekels with year 37, ZΛ, have the same monogram but different Phoenician letters.



**No. 758 ) Half Shekel, Year 37, ZΛ, letter Alef  
between legs, 8.24 g, 24 mm**



**No. 759 ) Half Shekel, Year 37, ZΛ, letter Bet  
between legs, 7.11 g, 24 mm**



The next two half shekels with year 37, ZΛ, have the same monogram but different Phoenician letters.



**No. 760 ) Half Shekel, Year 37, ZΛ, letter Alef between legs, 9.93 g, 22 mm**

The Phoenician letter Bet on Coin No. 761 is engraved backward.



**No. 761 ) Half Shekel, Year 37, ZΛ, backward letter Bet between legs, 7.09 g, 22 mm**

4.27 Tyre, Half Shekel, Year 38, 89/88 BC



No. 762 ) Half Shekel, Year 38,  $\text{H}\Delta$ , letter Bet between legs, 6.98 g, 21 mm

4.28 Tyre, Half Shekel, Year 39, 88/87 BC



No. 763 ) Half Shekel, Year 39,  $\Theta\Delta$ , letter Bet between legs, 6.98 g, 21 mm

#### 4.29 Tyre, Half Shekel, Year 40, 87/86 BC

The next two half shekels have the same date and monogram but different Phoenician letters, Alef and Bet.



**No. 764 ) Half Shekel, Year 40, LM, letter Alef  
between legs, unreported weight**



**No. 765 ) Half Shekel, Year 40, LM, letter Bet  
between legs, 7.09 g**



No. 766 ) Half Shekel, Year 40, LM, illegible letter between legs, 7.04 g, 20 mm



No. 767 ) Half Shekel, Year 40, LM, letter Alef between legs, 6.74 g



**No. 768 ) Half Shekel, Year 40, LM, letter Bet  
between legs, 6.90 g**



**No. 769 ) Half Shekel, Year 40, LM, letter Bet  
between legs, 7.07 g**



#### 4.30 Tyre, Half Shekel, Year 41, 86/85 BC

The next two half shekels have the same date and monogram but different Phoenician letters, Alef and Bet.



No. 770 ) Half Shekel, Year 41, AM, letter Alef  
between legs, 7.01 g



No. 771 ) Half Shekel, Year 41, AM, letter Bet  
between legs, unreported weight

**4.31 Tyre, Half Shekel, Year 43, 84/83 BC**



**No. 772 ) Half Shekel, Year 43, ΓM, letter Alef  
between legs, 6.78 g, 22 mm**

See also Coin No. 971, which might be a forgery with year 43.

**4.32 Tyre, Half Shekel, Year 44, 83/82 BC**



**No. 773 ) Half Shekel, Year 44, ΔM, letter Bet  
between legs, unreported weight**

4.33 Tyre, Half Shekel, Year 45, 82/81 BC



No. 774 ) Half Shekel, Year 45, EM, letter Alef  
between legs, 6.88 g



No. 775 ) Half Shekel, Year 45, EM, letter Alef  
between legs, unreported weight

#### 4.34 Tyre, Half Shekel, Year 46 81/80 BC

The next two half shekels have the same date and monogram but different Phoenician letters between legs of the eagle.



**No. 776 ) Half Shekel, Year 46, ζM, letter Alef  
between legs, 7.07 g**



**No. 777 ) Half Shekel, Year 46, ζM, letter Bet  
between legs, 6.77 g**

**4.35 Tyre, Half Shekel, Year 47, 80/79 BC**

On Coin No. 778, the symbol L precedes the year.



**No. 778 ) Half Shekel, Year 47, ZM, letter Alef  
between legs, 7.07 g**



**No. 779 ) Half Shekel, Year 47, ZM, letter Bet  
between legs, 7.05 g, 24 mm**



4.36 Tyre, Half Shekel, Year 48, 79/78 BC



No. 780 ) Half Shekel, Year 48, HM, no letter  
between legs, 6.5 g



No. 781 ) Half Shekel, Year 48, HM, letter Bet  
between legs, 7.12 g, 25 mm

4.37 Tyre, Half Shekel, Year 49, 78/77 BC



No. 782 ) Half Shekel, Year 48, HM, letter Alef between legs, 7.05g



No. 784 ) Half Shekel, Year 49, OM, letter Bet between legs, 6.75 g

Table 4-8. Other Half Shekels for Year 48 (MH)

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source                 |
|----------|-----------|------------------------------|----------------|------------------------|
| No. 783) | Δ         | Alef                         | 6.54           | BMC 227 <sup>a</sup> . |

a) The reading of the Phoenician letter Alef is not certain.

#### 4.38 Tyre, Half Shekel, Year 50, 77/76 BC



No. 785 ) Half Shekel, Year 50, LN, letter Bet between legs, 6.95 g

The date on Coin No. 786 is retrograde.



No. 786 ) Half Shekel, Year 50, LN (backward L and N), letter Alef between legs, 7.15 g

4.39 Tyre, Half Shekel, Year 51, 76/75 BC



No. 787 ) Half Shekel, Year 51, AN, letter Bet  
between legs, 6.94 g



No. 788 ) Half Shekel, Year 51, AN, letter Bet  
between legs, 7.14 g

The next two half shekels have the same date and monogram but different Phoenician letters between legs of the eagle



**No. 789 ) Half Shekel, Year 51, AN, letter Bet between legs, 6.93 g**



**No. 790 ) Half Shekel, Year 51, AN, letter Alef between legs, 7.10 g, 22 mm**



4.40 Tyre, Half Shekel, Year 52, 73/72 BC

Danny Herman has reported a half shekel with year 52 (BN) in a public collection. Refer to Section 10.8.

Table 4-9. Half Shekel for Year 52 (BN)

|          | Mono-gram    | Letter Between Legs of Eagle | Weight (grams) | Source            |
|----------|--------------|------------------------------|----------------|-------------------|
| No. 791) | not reported | not reported                 | not reported   | public collection |



4.41 Tyre, Half Shekel, Year 53, 74/73 BC



No. 792 ) Half Shekel, Year 53, ΓN, letter Bet between legs, 6.5 g



No. 793 ) Half Shekel, Year 53, ΓN, letter Alef between legs, 6.80 g

4.42 Tyre, Half Shekel, Year 57, 70/69 BC



No. 794 ) Half Shekel, Year 57, ZN, backward letter Bet between legs, unreported weight

Table 4-10. Half Shekel for Year 57, ZN

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source                |
|----------|-----------|------------------------------|----------------|-----------------------|
| No. 795) | Z         | Bet                          | 6.6 g          | Lönnqvist, number 121 |

4.43 Tyre, Half Shekel, Year 59, 68/67 BC



No. 796 ) Half Shekel, Year 59, ΘN, letter Alef between legs, 6.51g, 22 mm

Table 4-11. Half Shekel for Year 59, ΘN

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source                |
|----------|-----------|------------------------------|----------------|-----------------------|
| No. 797) | Δ<br>.    | not clear                    | 6.7 g          | Lönnqvist, number 124 |

#### 4.44 Tyre, Half Shekel, Year 67, 60/59 BC (year not reported)

As noted in the Introduction, no half shekels are reported for years 58 through 85.

Lönqvist listed with photograph a half shekel with year 67 (ZE).<sup>[18]</sup>, number 129 The photograph showed a coin with a worn and unclear year. Therefore a half shekel of year 67 is still unreported.

#### 4.45 Tyre, Half Shekel, Year 70, 57/56 BC (year not reported)

In error, DCA listed a citation to a half shekel of year 70.<sup>[6]</sup> I had misread the date, which was actually year 170.

#### 4.46 Tyre, Half Shekel, Year 79, 48/47 BC (year not reported)

Lönqvist listed with photograph a half shekel with year 79 (ΘΟ).<sup>[18]</sup>, number 138 The photograph showed a coin with a worn and unclear year. Therefore a half shekel of year 79 is still unreported.

#### 4.47 Tyre, Half Shekel, Year 85, 42/41 BC (year not reported)

RPC1.4681 indicated a half shekel of year 85 (ΠΕ) in BMC, page 252, number 231. However, the BMC coin is listed as year 87 (ΠΖ). Therefore, a half shekel of year 85 is not reported.

#### 4.48 Tyre, Half Shekel, Year 86, 41/40 BC

In Section 10.11, Levy cited one reference to a half shekel, year 86 (Pζ).

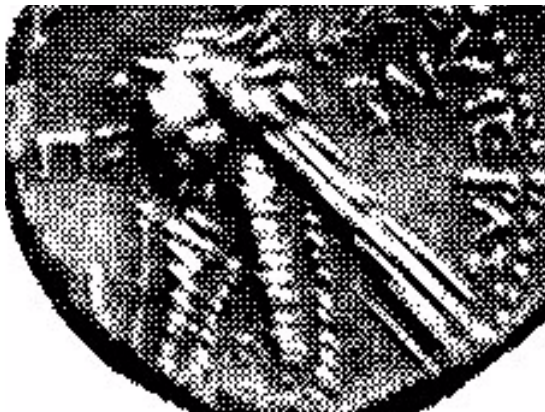
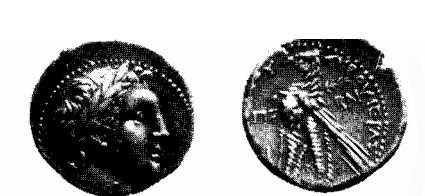
**Table 4-12. Other Shekels for Year 86 (Pζ)**

|          | Mono-gram    | Letter Between Legs of Eagle | Weight (grams) | Source               |
|----------|--------------|------------------------------|----------------|----------------------|
| No. 798) | not reported | not reported                 | not reported   | Pegasi IX. 1995 #179 |

#### 4.49 Tyre, Half Shekel, Year 87, 40/39 BC



**No. 799 ) Half Shekel, Year 87, ΠΖ letter Bet between legs, 7.00 g**



No. 800 ) Half Shekel, Year 87, Ⲳⲗ letter Bet between legs, unreported weight

4.50 Tyre, Half Shekel, Year 88, 39/38 BC



No. 801 ) Half Shekel, Year 88, ⲲⲬ, letter Alef between legs, 6.92 g



Coin No. 802 might have an overdate with the year (ΠΗ) engraved over year 87 (ΠΖ).



**No. 802 ) Half Shekel, Year 88, ΠΗ unclear letter between legs, 6.95 g**

#### 4.51 Tyre, Half Shekel, Year 89, 38/37 BC



**No. 803 ) Half Shekel, Year 89, ΠΘ, unclear letter between legs, 6.41 g, 22 mm**

4.52 Tyre, Half Shekel, Year 95, 32/31 BC (year not reported)

RPC Supplement 1 reported dates for the shekels and half shekels. For several of the RPC listings, it relied on the personal notes of Dr. Brooks Levy. Her notes are reproduced with Dr. Levy’s permission in Section 10 and reliably report the dates of shekels and half shekels from various museum collections, published articles on coin hoards, auction catalogs and price lists up to 2004. RPC listed dates for five half shekels based on these notes, identified with the source, “Levy”. In an apparent error, RPC confirmed several dates of half shekels where Dr. Levy listed only shekels for these dates, or half shekels where the dates were not certain. These were years 95, 103, 133, 148 and 151.

A half shekel dated year 95 (ϣΕ), listed as RPC1s.4681C, is therefore not confirmed.

4.53 Tyre, Half Shekel, Year 96, 31/30 BC

In Section 10.11, Brooks Levy cited a reference for a half shekel, year 96 (ϣϚ).

Table 4-13. Half Shekel for Year 96 (ϣϚ)

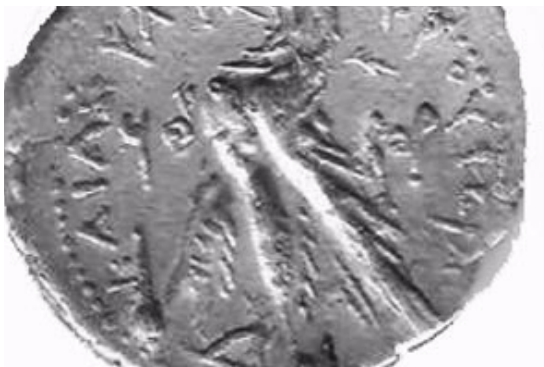
|          | Mono-gram    | Letter Between Legs of Eagle | Weight (grams) | Source    |
|----------|--------------|------------------------------|----------------|-----------|
| No. 804) | not reported | not reported                 | 6.87           | Qumran 56 |

4.54 Tyre, Half Shekel, Year 98, 29/28 BC



No. 805 ) Half Shekel, Year 98, ϣΗ, unclear letter between legs, 6.95 g

**4.55 Tyre, Half Shekel, Year 99, 28/27 BC**



**No. 806 ) Half Shekel, Year 99, 90 , unclear  
letter between legs, 6.7 g**

For an ancient fourree of Coin No. 807, see Coin No. 983.



**No. 807 ) Half Shekel, Year 99, 90 , letter Bet  
between legs, 6.71 g**

4.56 Tyre, Half Shekel, Year 100, 27/26 BC



No. 808 ) Half Shekel, Year 100, P, letter Bet between legs, 6.80 g



No. 809 ) Half Shekel, Year 100, P, letter Bet between legs, unreported weight

#### 4.57 Tyre, Half Shekel, Year 101, 26/25 BC

Coin No. 810 is listed below as year 101. Tom Buijtendorp has interpreted the date as year 130.<sup>1</sup> The reading depends on whether a KP monogram is visible to the right of the eagle. The KP monogram appears on no shekels or half shekels before year 113. If the actual monogram on this coin is similar to that on Coin No. 808, then year 101 is confirmed.



**No. 810 ) Half Shekel, Year 101, PA, letter Bet between legs, 5.85 g, 20 mm**




**No. 811 ) Half Shekel, Year 101, PA, letter Alef between legs, 6.82 g, 20 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8792**

1. Tom Buijtendorp, <http://www.forumancientcoins.com/numiswiki/view.asp?key=tyrian%20shekels>



## 4.58 Tyre, Half Shekel, Year 102, 25/24 BC

Table 4-14. Half Shekel for Year 102 (PB)

|          | Mono-gram                                                                         | Letter Between Legs of Eagle | Weight (grams) | Source        |
|----------|-----------------------------------------------------------------------------------|------------------------------|----------------|---------------|
| No. 812) |  | Bet                          | 6.92           | Lönnqvist 226 |

## 4.59 Tyre, Half Shekel, Year 103, 24/23 BC


On Coin No. 813, the year is engraved as a possible overdate, year 103, PΓ, over year 102, PB, where the letter Γ is engraved over B.



No. 813 ) Half Shekel, Year 103, PΓ, over Year 102, PB, letter Bet between legs, 6.94 g

## 4.60 Tyre, Half Shekel, Year 104, 23/22 BC

Table 4-15. Other Half Shekels for Year 104 (PΔ)

|          | Mono-gram                                                                          | Letter Between Legs of Eagle | Weight (grams) | Source        |
|----------|------------------------------------------------------------------------------------|------------------------------|----------------|---------------|
| No. 814) |  | Bet                          | 6.9            | Lönnqvist 237 |

## 4.61 Tyre, Half Shekel, Year 105, 22/21 BC

The year and monograms are the same on the next two half shekels. Their Phoenician letters differ.



No. 815 ) Half Shekel, Year 105, PΔ, letter Alef between legs, 7.01 g, CNG.36 6394

**4.62 Tyre, Half Shekel, Year 106, 21/20 BC  
(year not reported)**

A half shekel for Year 106 (Pζ) is not confirmed. Refer to Coin No. 821



**4.63 Tyre, Half Shekel, Year 107, 20/19 BC**



**No. 816 ) Half Shekel, Year 105, PΕ, letter Bet  
between legs, 6.63 g, 20 mm, photo by  
courtesy of Israel Antiquities Authority, ISF-  
IAA 8798**



**No. 817 ) Half Shekel, Year 107, PΖ, letter Alef  
between legs, 6.93 g**



No. 818 ) Half Shekel, Year 107, PZ, letter Alef between legs, 6.10 g, 19 mm

#### 4.64 Tyre, Half Shekel, Year 108, 19/18 BC



No. 819 ) Half Shekel, Year 108, PH, letter Bet between legs, 6.62 g, 20 mm

#### 4.65 Tyre, Half Shekel, Year 109, 18/17 BC



No. 820 ) Shekel, Year 109, PΘ, letter Bet between legs, 7.02 g

Lönnqvist read Coin No. 821 as year 106. Cohen interprets the date as year 109. The Greek letter for 9 (Θ) resembles the letter O with a wavy line through it.

Table 4-16. Other Half Shekels for Year 109 (PΘ)

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source        |
|----------|-----------|------------------------------|----------------|---------------|
| No. 821) | ΘE        | Alef                         | 6.9            | Lönnqvist 251 |

#### 4.66 Tyre, Half Shekel, Year 110, 17/16 BC

Table 4-17. Other Half Shekels for Year 110 (P)

|          | Mono-gram    | Letter       | Weight (grams) | Source                |
|----------|--------------|--------------|----------------|-----------------------|
| No. 822) | not reported | not reported | 6.72           | Berlin Prokesch-Osten |

## 5. TYRE HALF SHEKELS (KP MONOGRAM), DCA 922

### 5.1 Tyre, Half Shekel, Year 113, 14/13 BC



No. 823 ) Half Shekel, Year 113, P|Γ, letter Bet between legs, unreported weight

### 5.2 Tyre, Half Shekel, Year 114, 13/12 BC



No. 824 ) Half Shekel, Year 114, P|Δ, letter Alef between legs, 7.01 g

5.3 Tyre, Half Shekel, Year 115, 12/11 BC



No. 825 ) Half Shekel, Year 115, P|E, letter Alef between legs, 6.80 g



No. 826 ) Half Shekel, Year 115, P|E, letter Alef between legs, 6.48 g, 20 mm

Table 5-1. Other Half Shekels for Year 115 (P|E)

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source  |
|----------|-----------|------------------------------|----------------|---------|
| No. 827) | ⌚         | Bet                          | 6.23           | BMC 235 |



#### 5.4 Tyre, Half Shekel, Year 117, 10/9 BC

The numeral Z (7) on Coin No. 828, P|Z (117) appears re-engraved over E (5). Refer also to a shekel with the same overdate but different Phoenician letter (Coin No. 434).



**No. 828 ) Half Shekel, Year 117, P|Z, letter Bet between legs, 6.51 g**



**No. 829 ) Half Shekel, Year 117, P|Z, letter Alef between legs, 6.57 g, 21 mm, Fitzwillaim SNG UK 408-6093**



**5.5 Tyre, Half Shekel, Year 122, 5/4 BC**



**No. 830 ) Half Shekel, Year 122, PKB, unclear letter between legs, 6.72 g, 20 mm, photo from Israel Antiquities Authority, Number ISF-IAA 8844**

**5.6 Tyre, Half Shekel, Year 123, 4/3 BC**



**No. 831 ) Half Shekel, Year 123, PKΓ, letter Alef between legs, 6.93 g, 20 mm**

5.7 Tyre, Half Shekel, Year 126, 1 BC / 1 AD



No. 832 ) Half Shekel, Year 126, PK $\zeta$ , letter Bet between legs, unreported weight

5.8 Tyre, Half Shekel, Year 131, 5/6 AD



No. 833 ) Half Shekel, Year 131, PAA, letter Bet between legs, 6.87 g

**5.9 Tyre, Half Shekel, Year 132, 6/7 AD**



**No. 834 ) Half Shekel, Year 132, PAB, letter Alef between legs, 7.15 g**

**5.10 Tyre, Half Shekel, Year 133, 7/8 AD**



**No. 835 ) Half Shekel, Year 133, PAA, letter Bet between legs, 6.88g, 20 mm, photo from Israel Antiquities Authority, Number ISF-IAA 9478**



5.11 Tyre, Half Shekel, Year 134, 8/9 AD

Levy recorded one citation from an auction catalog for a half shekel of year 134, PΛΔ. The monogram was not reported. Refer to Section 10.11.

Table 5-2. A Half Shekel for Year 134 (PΛΔ)

|          | Mono-gram    | Letter Between Legs of Eagle | Weight (grams) | Source           |
|----------|--------------|------------------------------|----------------|------------------|
| No. 836) | not reported | not reported                 | not reported   | Agora V.1974 #46 |

5.12 Tyre, Half Shekel, Year 136, 10/11 AD

The year 136, PΛζ, is not certain on next half shekel.



No. 837 ) Half Shekel, Year 136, PΛζ, letter Bet between legs, 6.88 g, 19 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9478

5.13 Tyre, Half Shekel, Year 137, 11/12 AD

The year and monogram are the same on the next two half shekels. Their Phoenician letters differ.



No. 838 ) Half Shekel, Year 137, PΛZ, letter Alef between legs, 6.93 g, 20 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8879

5.14 Tyre, Half Shekel, Year 138, 12/13 AD



No. 839 ) Half Shekel, Year 137,  $\text{PAZ}$ , letter Bet between legs, 6.32 g



No. 840 ) Half Shekel, Year 138,  $\text{PAH}$ , unclear letter between legs, weight unknown

5.15 Tyre, Half Shekel, Year 140, 14/15 AD



No. 841 ) Half Shekel, Year 140, PM, letter Bet  
between legs, 6.97 g



No. 842 ) Half Shekel, Year 140, PM, unclear  
letter between legs, 6.26 g, 21 mm



**No. 843 ) Half Shekel, Year 140, PM, letter Bet between legs, 6.9 g, 21 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8890**



**No. 844 ) Half Shekel, Year 140, PM, letter Bet between legs, 6.75 g, 20 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8891**

5.16 Tyre, Half Shekel, Year 141, 15/16 AD



No. 845 ) Half Shekel, Year 141, PMA, letter Bet  
between legs, 6.76 g



No. 846 ) Half Shekel, Year 141, PMA, letter Bet  
between legs, 6.49 g





**No. 847 ) Half Shekel, Year 141, PMA, letter Bet between legs, 6.83 g**



**No. 848 ) Half Shekel, Year 141, PMA, letter Bet between legs, 7 g, 19 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8896**

5.17 Tyre, Half Shekel, Year 142, 16/17 AD



No. 849 ) Half Shekel, Year 142, PMB, letter Alef between legs, 6.60 g, 21 mm



No. 850 ) Half Shekel, Year 142, PMB, letter Bet between legs, 6.70 g, 20 mm



**No. 851 ) Half Shekel, Year 142, PMB, letter Bet between legs, 7.11 g, HUJI C485, courtesy of the Institute of Archaeology, the Hebrew University of Jerusalem**

## 5.18 Tyre, Half Shekel, Year 143, 17/18 AD



**No. 852 ) Half Shekel, Year 143, PMΓ, letter Bet between legs, 7.03 g**



**No. 853 ) Half Shekel, Year 143, PMΓ, letter Alef between legs, 6.55 g, 21 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8904**



**No. 854 ) Half Shekel, Year 143, PMΓ, unclear letter between legs, 6.79 g, 20 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8926**

5.19 Tyre, Half Shekel, Year 144, 18/19 AD



No. 855 ) Half Shekel, Year 144, PMΔ, unclear letter between legs, 6.18 g



No. 856 ) Half Shekel, Year 144, PMΔ, letter Bet between legs, 6.64 g





**No. 857 ) Half Shekel, Year 144, PMΔ, letter Bet between legs, 5.46 g, 19 mm, (from Qumran Plateau<sup>[10]</sup> Coin 6, page 224)**



**No. 858 ) Half Shekel, Year 145, PME, letter Bet between legs, 7.11 g, photo by courtesy of the Hecht Museum, University of Haifa, Israel, Number 3201**



**No. 859 ) Half Shekel, Year 145, PME, letter Bet between legs, 6.84 g, 21 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8919**

**5.21 Tyre, Half Shekel, Year 146, 20/21 AD**



**No. 860 ) Half Shekel, Year 146, PM $\zeta$ , letter Alef between legs, 6.58 g, 20 mm**



**No. 861 ) Half Shekel, Year 146, PMζ, letter Bet between legs, 6.91 g, 19 to 22 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8934**

## 5.22 Tyre, Half Shekel, Year 147, 21/22 AD



**No. 862 ) Half Shekel, Year 147, PMZ, letter Alef between legs, 6.58 g**

## 5.23 Tyre, Half Shekel, Year 148, 22/23 AD (year not reported)

A half shekel dated year 148 (PMH), listed in the RPC Supplement 1 as RPC1s.4691A, is not confirmed. For this coin, RPC.1 cited "Glasgow 11", a reference in Brooks Levy's personal notes, reproduced Section 10.11. This reference is to a shekel, not a half shekel. See also Section 4.52.

## 5.24 Tyre, Half Shekel, Year 149, 23/24 AD

The year and monogram (no Phoenician letter) on the next two half shekels are the same. Their obverses and reverses might have been struck by the same dies. The obverse of Coin No. 864 is double-struck.



**No. 863 ) Half Shekel, Year 149, PMΘ, unclear letter between legs, 6.98 g**



**No. 864 ) Half Shekel, Year 149, PMΘ, unclear letter between legs, 6.99 g, 20 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8945**

5.25 Tyre, Half Shekel, Year 150, 24/25 AD



No. 865 ) Half Shekel, Year 150, PN, unclear letter between legs, 6.37 g, 20 mm



No. 866 ) Half Shekel, Year 150, PN, unclear letter between legs, 6.96 g, 20 to 22 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8947



## 5.26 Tyre, Half Shekel, Year 151, 25/26 AD (year not reported)

A half shekel dated year 151 (PNA), listed in the RPC Supplement 1 as RPC1s.4692A, is not confirmed. Refer to Section 4.52.

## 5.27 Tyre, Half Shekel, Year 153, 27/28 AD



**No. 867 ) Half Shekel, Year 153, PNT, unclear letter between legs, 6.98 g**



**No. 868 ) Half Shekel, Year 153, PNT, unclear letter between legs, 6.99 g, 20 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9158**

5.28 Tyre, Half Shekel, Year 154, 28/29 AD



No. 869 ) Half Shekel, Year 153,  $\text{P}\text{N}\Gamma$ , letter Bet between legs, 6.98 g, 20 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8920



No. 870 ) Half Shekel, Year 154,  $\text{P}\text{N}\Delta$ , unclear letter between legs, unreported weight

## 5.29 Tyre, Half Shekel, Year 155, 29/30 AD



**No. 871 ) Half Shekel, Year 155, PNE, unclear letter between legs, 6.05 g**

Upon personal examination of the half shekel Coin No. 872 in the next table, Dr. Levy said that the BMC initially misread and reported it as year 195 (BMC 245, page 253). Dr. Levy said the true date was year 155.

**Table 5-3. Half Shekel for Year 155 (PNE)**

|                 | Mono-gram    | Letter Between Legs of Eagle | Weight (grams) | Source                          |
|-----------------|--------------|------------------------------|----------------|---------------------------------|
| <b>No. 872)</b> | ⚡            | Alef                         | 6.61           | BMC 245                         |
| <b>No. 873)</b> | not reported | not reported                 | 8.75           | Coin Galleries FPL 11,1967 #B30 |



**No. 874 ) Half Shekel, Year 155, PNE, unclear letter between legs, 6.78 g**

5.30 Tyre, Half Shekel, Year 158, 32/33 AD



No. 875 ) Half Shekel, Year 158, PNH, unclear letter between legs, 6.35 g, 17 mm

5.31 Tyre, Half Shekel, Year 159, 33/34 AD



No. 876 ) Half Shekel, Year 159, PNΘ, letter Alef between legs, 6.90 g, 24 mm



Half Shekel, Year 159, PNΘ, letter Bet between legs, 6.92 g, 20 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8999

5.32 Tyre, Half Shekel, Year 160, 34/35 AD



No. 877 ) Half Shekel, Year 160, PΞ, unclear letter between legs, 6.80 g



No. 878 ) Half Shekel, Year 160, PΞ, unclear letter between legs, unreported weight





No. 879 ) Half Shekel, Year 160, PΞ, letter Bet between legs, 6.90 g, 17 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9003

5.33 Tyre, Half Shekel, Year 161, 35/36 AD



No. 880 ) Half Shekel, Year 161, PΞA, letter Alef between legs, unreported weight

### 5.34 Tyre, Half Shekel, Year 162, 36/37 AD



**No. 881 ) Half Shekel, Year 162, PEB, letter Alef between legs, unreported weight**

On Coin No. 882, the year appears to be engraved as an overdate. year 162, PEB, over year 161, PEA, where the letter B is engraved over A.



**No. 882 ) Half Shekel, Year 162, PEB over Year 161, PEA, letter Alef between legs, 6.95 g, 19 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9036**



No. 883 ) Half Shekel, Year 162, ΠΕΒ, letter Alef between legs, unreported weight

### 5.35 Tyre, Half Shekel, Year 163, 37/38 AD



No. 884 ) Half Shekel, Year 163, ΠΕΓ, letter Alef between legs, 7.12 g, CNG.24 868



**No. 885 ) Half Shekel, Year 163,  $\text{P}\Xi\Gamma$ , letter Bet between legs, 6 g, 18 mm**



**No. 886 ) Half Shekel, Year 163,  $\text{P}\Xi\Gamma$ , letter Bet between legs, 7.14 g**

5.36 Tyre, Half Shekel, Year 164, 38/39 AD



No. 887 ) Half Shekel, Year 164, PEA, unclear letter between legs, 6.97 g, 21 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9054



No. 888 ) Half Shekel, Year 164, PEA, letter Bet between legs, 7.07 g, 19 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9023





**No. 889 ) Half Shekel, Year 164,  $\text{P}\Xi\Delta$ , letter Alef between legs, 6.8g, 18 mm**

The next two half shekels have the same year, Phoenician letter and similar monogram. Small differences in the eagle on each indicate that the reverse was struck from different dies.



**No. 890 ) Half Shekel, Year 164,  $\text{P}\Xi\Delta$ , letter Bet between legs, 6.93 g, 20 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9057**

5.37 Tyre, Half Shekel, Year 165, 39/40 AD

The next two shekels have the same year and monogram. Their Phoenician letters differ.



No. 891 ) Half Shekel, Year 164, PΞΔ, letter Bet between legs, 7.13 g



No. 892 ) Half Shekel, Year 165, PΞE, letter Alef between legs, 7.02 g, 20 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9064



**No. 893 ) Half Shekel, Year 165, PEE, letter Bet between legs, 7.07 g, 20 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9066**



**No. 894 ) Half Shekel, Year 166, PEC, letter Bet between legs, 7.04 g**

5.39 Tyre, Half Shekel, Year 167, 41/42 AD



No. 895 ) Half Shekel, Year 166, P E Z, letter Bet between legs, 7.01 g, 19 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9068



No. 896 ) Half Shekel, Year 167, P E Z, letter Alef between legs, 6.94 g

**5.40 Tyre, Half Shekel, Year 168, 42/43 AD**



**No. 897 ) Half Shekel, Year 168, PEH, letter Bet between legs, 7.08 g, 20 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9079**



**No. 898 ) Half Shekel, Year 168, PEH, letter Bet between legs, 6.60 g, 20 mm**



#### 5.41 Tyre, Half Shekel, Year 169, 43/44 AD

The next two half shekels of year 169 (PΞΘ) have the same monogram but different Phoenician letters, Alef and Bet.



**No. 899 ) Half Shekel, Year 169, PΞΘ, letter Alef between legs, 6.95 g, 20 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9085**



**No. 900 ) Half Shekel, Year 169, PΞΘ, letter Bet between legs, 6.34 g**



**No. 901 ) Half Shekel, Year 169, ΠΕΘ, letter Bet between legs, unreported weight**



**No. 902 ) Half Shekel, Year 170, ΠΟ, letter Alef between legs, 7.14 g**



**No. 903 ) Half Shekel, Year 170, PO, letter Bet between legs, 7.22 g**

#### **5.43 Tyre, Half Shekel, Year 171, 45/46 AD**

The reverse on the next two half shekels were struck from the same dies. A die break on the reverse is distinctly greater on the latter.



**No. 904 ) Half Shekel, Year 171 POA, letter Bet between legs, 7.20 g, 22 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9109-2**



**No. 905 ) Half Shekel, Year 171, POA, letter Bet between legs, 6.98 g**



On the next two half shekels, the year and monogram are the same. They have different Phoenician letters.



**No. 906 ) Half Shekel, Year 171, POA, letter Alef between legs, 7.07 g, 19 mm**



**No. 907 ) Half Shekel, Year 171 POA, letter Bet  
between legs, 7 g, 20 mm, photo by courtesy  
of Israel Antiquities Authority, ISF-IAA 9101**



**No. 908 ) Half Shekel, Year 171, POA, letter Alef  
between legs, 7.17 g**



5.44 Tyre, Half Shekel, Year 172, 46/47 AD



No. 909 ) Half Shekel, Year 172, POB, letter Alef between legs, 7.15 g, 20 mm



No. 910 ) Half Shekel, Year 172, POB, letter Bet between legs, 7.32 g

On the next two half shekels, the year and monogram are the same. They have different Phoenician letters.



**No. 911 ) Half Shekel, Year 172 POB, letter Alef between legs, 6.90 g, 20 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9111**



**No. 912 ) Half Shekel, Year 172 POB, letter Bet between legs, 7 g, 20 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9113**

**5.45 Tyre, Half Shekel, Year 173, 47/48 AD**



**No. 913 ) Half Shekel, year 173, POF, letter Alef between legs, 7.12 g, 21 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 9127**

**5.46 Tyre, Half Shekel, Year 176, 50/51 AD (year not reported)**

Levy recorded four citations for half shekels of year 176, POF. The Institute of Archaeology, the Hebrew University of Jerusalem, provided the author with photos of these four half shekels. All coins were worn or struck off-center. None had readable dates. Refer to Section 10.11.

RPC1s.4703A had used these half shekels for its listing of a year 176 half shekel.

Since no photo of a half shekel with a clear date of year 176 or a reliable citation has been confirmed, the date of this half shekel, year 176, remains unreported.

5.47 Tyre, Half Shekel, Year 178, 52/53AD



No. 914 ) Half Shekel, Year 178, POH, letter Alef between legs, 6.63 g

The BMC listing below is similar to Coin No. 914 except for different Phoenician letters, Alef and Bet, between the legs of the eagle.

Table 5-4. Half Shekel for Year 178 (POH)

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source |
|----------|-----------|------------------------------|----------------|--------|
| No. 915) | EP        | Bet                          | 6.72           | BMC    |

5.48 Tyre, Half Shekel, Year 181, 55/56 AD



No. 916 ) Half Shekel, Year 181, PIIA, letter Bet between legs, 5.94 g, Princeton University

**5.49 Tyre, Half Shekel, Year 182, 56/57 AD**



**No. 917 ) Half Shekel, Year 182, ΠΠΒ, letter Bet between legs, 6.56 g, 19 mm**

**5.50 Tyre, Half Shekel, Year 183, 57/58 AD**



**No. 918 ) Half Shekel, Year 183 (ΠΠΓ), unclear letter between legs, 6.8 g**



5.51 Tyre, Half Shekel, Year 184, 58/59 AD



No. 919 ) Half Shekel, Year 184, ΡΠΔ, letter Bet between legs, unreported weight

5.52 Tyre, Half Shekel, Year 190, 64/65 AD



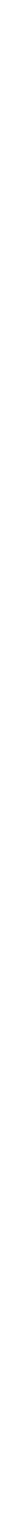
No. 920 ) Half Shekel, Year 190, ΡϞ, unclear letter between legs, 6.48 g, 20 mm



No. 921 ) Half Shekel, Year 190, P $\Phi$ , unclear letter between legs, 6.78 g



No. 922 ) Half Shekel, Year 191, P $\Phi$  A, unclear letter between legs, 6.40 g, 21 mm



### 5.54 Tyre, Half Shekel, Year Crude and Illegible

There are several half shekels where the date is crudely engraved and not legible.

The date on Coin No. 923 might be year 47 (ZM) where the numeral Z is retrograde and the date is preceded on the left by the symbol L.



No. 923 ) Half Shekel, year 47(?), letter Alef between legs, 7.16 g, 22 mm



No. 924 ) Half Shekel, year 14x, unclear letter between legs, unreported weight



No. 925 ) Half Shekel, year illegible, unclear letter between legs, 6.66 g, 19 mm



No. 926 ) Half Shekel, year illegible, unclear letter between legs, 6.98 g





**No. 927 ) Half Shekel, year illegible, unclear letter between legs, 7 g, 19 mm**



**No. 928 ) Half Shekel, year illegible, unclear letter between legs, 7.02 g, CNG.76 18**



**No. 929 ) Half Shekel, year illegible, unclear letter between legs, 6.71 g, 20 mm**



**No. 930 ) Half Shekel, year illegible, unclear letter between legs, unreported weight**



No. 931 ) Half Shekel, year illegible, unclear letter between legs, 6.30 g



No. 932 ) Half Shekel, year illegible, unclear letter between legs, 6.89 g, 20 mm

**Tyre, Half Shekel, Year Crude and Illegible**



**No. 933 ) Half Shekel, year illegible, unclear  
letter between legs, 6.26 g, 21 mm**

**Dated Coins of Antiquity - Tyre**



**No. 934 ) Half Shekel, year illegible, unclear  
letter between legs, 6.21g**



No. 935 ) Half Shekel, year illegible, letter Alef between legs, 6.82 g, 18 mm



No. 936 ) Half Shekel, year 1--, unclear letter between legs, 5.87 g, 20 mm



**Tyre, Half Shekel, Year Crude and Illegible**



**No. 937 ) Half Shekel, year illegible, unclear letter between legs, 6.95 g, 20 mm, photo by courtesy of Israel Antiquities Authority, ISF-IAA 8964**

**Dated Coins of Antiquity - Tyre**



**No. 938 ) Half Shekel, year illegible, unclear letter between legs, 6.72 g, 21 mm**



No. 939 ) Half Shekel, year illegible, unclear letter between legs, 7.06g, 19 mm



No. 940 ) Half Shekel, year illegible, unclear letter between legs, 6.98g



No. 941 ) Half Shekel, year illegible, letter Alef  
between legs, 6.72 g

## 6. TYRE QUARTER SHEKELS, DCA 923

### 6.1 Tyre Quarter Shekel, Year 2, 125/124 BC

This quarter shekel of year 2 (B) appeared in three auctions: NY Sale, January 10, 2017 lot 238; Freeman and Sear, March 10, 1991, lot 226; Superior, May 31, 1988 lot 1559.



No. 942 ) Quarter Shekel, Year 2 (B), no letter between legs, 3.42 g

### 6.2 Tyre Quarter Shekel, Year 5, 122/121 BC



No. 943 ) Quarter Shekel, Year 5 (E), no letter between legs, 3.38 g, Paris 2031 (Babelon, Plate XXXV, figure 22, number 2031)<sup>[2]</sup>

6.3 Tyre Quarter Shekel, Year 6, 121/120 BC



No. 944 ) Quarter Shekel, Year 6 (?), L[(?)], letter Bet between legs, 3.42 g, 15 mm

6.4 Tyre Quarter Shekel, Year 9, 118/117 BC



No. 945 ) Quarter Shekel, Year 9, LΘ, letter Bet between legs, 3.48 g, 17 mm

6.5 Tyre Quarter Shekel, Year 16, 111/110 BC

Table 6-1. Quarter Shekel for Year 16 (ϸ)

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams) | Source       |
|----------|-----------|------------------------------|----------------|--------------|
| No. 946) | ?         | ?                            | ?              | Iossif Panos |



## 7. TYRE EIGHTH SHEKELS, DCA 924

### 7.1 Tyre Eighth Shekel, Year 9, 118/117 BC



No. 947 ) Eighth Shekel, Year 9, LΘ, letter Bet left of palm, monogram right of palm 1.61 g, 12 mm

### 7.2 Tyre Eighth Shekel, Year 10, 117/116 BC



No. 948 ) Eighth Shekel, Year 10, L|, letter Bet left of palm, monogram right of palm, 1.75 g



## 8. TYRE EIGHTH SHEKELS, DCA 925

### 8.1 Tyre Eighth Shekel, Year 9, 118/117 BC



No. 949 ) Eighth Shekel, Year 9, L $\Theta$ , monogram  
and letter Bet to right, 1.7 g



## 9. TYRE FOUREES AND FORGERIES

### 9.1 Tyre, Ancient Shekel Fourees

One kind of ancient forgery is called a fourree. Typically it had a low-value core metal covered by a thin layer of silver or gold. For a shekel, the coating was silver. This section highlights silver-coated fourrees with near full silver plating to none. Although these items were not genuine, mint workmen might have made them to circulate with genuine shekels. This section uses the description “fourree” for these ancient items and “forgery” for a modern creation.

For another possible forgery dated year 92, see Coin No. 313.



Coin No. 950 (see enlargement next column)



No. 950 ) Shekel, year 92, no letter between legs, 10.55 g, FOUREE, bronze seen in parts of silver plating





Coin No. 951 (see enlargement next column)



No. 951 ) Shekel, year 130, no letter between legs, 12.00 g, FOUREE, bronze seen in parts of silver plating

The next shekel is entirely bronze. First offered by Classical Numismatic Group, Auction 31, September 9-10, 1994, lot 508, later Superior Auction, December 7-8, 1995, lot 1562. The coin shows the date, Year 140, PM, but the monogram and letter beneath the eagle are not clear. The scan from the latter Superior catalog is poor.



No. 952 ) Shekel, Year 140, PM, unclear letter between legs, 12.5g, FOUREE

Table9-1. Bronze Fouree Shekel, Year 165 (PΞE)

|          | Mono-gram | Letter Between Legs of Eagle | Weight (grams)   | Source                         |
|----------|-----------|------------------------------|------------------|--------------------------------|
| No. 953) | ?         | ?                            | 14.43 g<br>25 mm | PAL Auction 15, 9-24-1997, 161 |

The design on the next bronze shekel, Coin No. 953, is noticeably cruder than the typical silver shekel. The nose on Melkart appears rectangular. The face is short.



**Coin No. 954 (see enlargement next column)**



**No. 954 ) Shekel, year not clear, no letter between legs, 12.29g, 24 mm, FOUREE**



**Coin No. 955 (see enlargement next column)**



**No. 955 ) Shekel, year not clear, no letter  
between legs, 13.00 g, FOUREE**



## 9.2 Tyre, Modern Shekel Forgeries

The author provides this listing of objects that several sources have indicate are fake. In most instances, the objects were clearly produced in quantity. Most are probably modern rather than contemporary (that is, ancient).

The Forgery Network lists at least ten shekels that it indicates are forgeries. For objects listed below from this web site,<sup>1</sup> the item number refers to their reference number. In two instances, the Forgery Network cited the International Bureau for the Suppression of Counterfeit Coins (IBSCC), Bulletin on Counterfeits (BOC).

I am also thankful to Joseph Sermarini, Forum Ancient Coins, for allowing me to reprint the Tyre shekels that his clients have volunteered for his forgery section.<sup>2</sup>

In the middle of the twentieth century, Peter Rosa prepared the dies for Coin No. 956.<sup>3</sup> The image is reproduced in Wayne Sayles' book, Classical Deception.<sup>4</sup> In general, Rosa did not strike his imitations in silver.



**No. 956 ) Shekel, year 2, letter Bet between legs, unreported weight, FORGERY, flat reverse, reported by Forum Ancient Coins**

1. Forgery Network: <http://forgerynetwork.com/default.aspx?keyword=phoenicia>
2. Forum Ancient Coins, <http://www.forumancientcoins.com>
3. <https://www.coinreplicas.com/about/peter-rosa-biography>
4. Wayne Sayles, Classical Deception, Counterfeits, Forgeries and Reproductions of Ancient Coins (Iola, WI, Krause Publications, 2001), photograph 183





**No. 957 ) Shekel, year 9, letter Bet between legs, reported as low weight, FORGERY, Forgery Network item 328**

The next three items were prepared by Peter Rosa in the middle of the twentieth century. The first is marked COPY. On the second and third, this word has been removed.<sup>5</sup>



**No. 958 ) Shekel, possibly year 10, no Phoenician letter between legs, unreported weight, FORGERY**

5. <https://www.coinreplicas.com/phoenicia-silver-shekel-of-tyre-11>

**Tyre, Modern Shekel Forgeries**



**No. 959 ) Shekel, possibly year 10, no  
Phoenician letter between legs, unreported  
weight, FORGERY**

**Dated Coins of Antiquity - Tyre**



**No. 960 ) Shekel, possibly year 10, no  
Phoenician letter between legs, unreported  
weight, FORGERY**



No. 961 ) Shekel, probably year 12 expressed as year "IK", letter Bet between legs, unreported weight, FORGERY



No. 962 ) Shekel, year 17, letter Alef between legs, unreported weight, FORGERY, reported by Forum Ancient Coins

**Tyre, Modern Shekel Forgeries**



**No. 963 ) Shekel, year 28, letter Bet between legs, unreported weight, FORGERY, reported by Forum Ancient Coins**

**Dated Coins of Antiquity - Tyre**



**No. 964 ) Shekel, possibly year 28, letter Bet between legs, 12.6 g, cast FORGERY, Forgery Network item 2213**



**No. 965 ) Shekel, year 29, letter Bet between legs, unreported weight, cast FORGERY, Forgery Network item 1531**



**No. 966 ) Shekel, year 32, letter Alef between legs, unreported weight, cast FORGERY, Forgery Network item 331**



## Tyre, Modern Shekel Forgeries



**No. 967 ) Shekel, year 32, letter Alef between legs, unreported weight, FORGERY, Forgery Network item 332**

## Dated Coins of Antiquity - Tyre

The next shekel is cited in the IBSCC, BOC Vol 22 No.2 1997 Page 15.



**No. 968 ) Shekel, year 35, letter Bet between legs, 14.28 g, FORGERY, pressure struck, shiny surfaces, reverse cupped, Forgery Network item 5454**

For a possible forgery dated year 42, see Coin No. 156.

Coin No. 969, Coin No. 970 and Coin No. 971 are all cast forgeries produced from the same mold. The letter Γ (Gamma) in the date is backward on each.



**No. 969 ) Shekel, year 43, unclear letter between legs, unreported weight, cast FORGERY, Forgery Network item 1752**



**No. 970 ) Shekel, year 43, letter Bet between legs, unreported weight, cast FORGERY**

## Tyre, Modern Shekel Forgeries

## Dated Coins of Antiquity - Tyre

The next three objects were probably cast from the same dies. They appear identical except for surface quality and details. They were probably produced from corrected molds used to make Coin No. 969, Coin No. 970 and Coin No. 971.



**No. 971 ) Shekel, Year 43, ΓM, unclear letter between legs, unreported weight, cast FORGERY**



**No. 972 ) Shekel, year 43, unclear letter between legs, unreported weight, cast FORGERY, Forgery Network item 2255**





No. 973 ) Shekel, year 43, unclear letter between legs, cast FORGERY, 10.8 g



No. 974 ) Shekel, year 43, letter Bet between legs, unreported weight, FORGERY, reported by Forum Ancient Coins

## Tyre, Modern Shekel Forgeries

For a genuine shekel similar to Coin No. 975, refer to Coin No. 172. The club on the counterfeit is noticeably different from that on the genuine shekel. The counterfeit appears to consist primarily of copper.



**No. 975 ) Shekel, year 48, letter Bet between legs, 11.52 g, FORGERY in copper, reported by Frank S. Robinson**

## Dated Coins of Antiquity - Tyre

Refer to Coin No. 977 and Coin No. 978 dated year 67 for possible similar forgeries as the one shown next.



**No. 976 ) Shekel, year 67, letter Bet between legs, unreported weight, FORGERY, Forgery Network item 853**





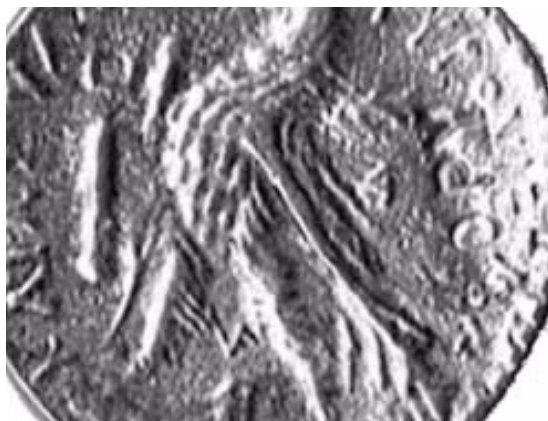
No. 977 ) Shekel, Year 67, ZΞ, unclear letter between legs, 13.68 g



No. 978 ) Shekel, Year 67, ZΞ, unclear letter between legs, 12.18 g

## Tyre, Modern Shekel Forgeries

Coin No. 979 appears to show year 70 (O) but could be an alteration of Coin No. 955, a forgery with year 10 (L I) produced by Peter Rosa.



**No. 979 ) Shekel, Year 70, O, letter Alef between legs, unreported weight, cast FORGERY**

## Dated Coins of Antiquity - Tyre



**No. 980 ) Shekel, year 142, letter Alef between legs, unreported weight, FORGERY, available in quantity on a popular web auction. Sometimes appears stamped with "COPY".**



**No. 981 ) Shekel, year 144, letter Bet between legs, unreported weight, 25 mm, FORGERY, illustrated object mounted**

The next shekel is cited in the IBSCC, BOC Vol 21 No.1 1996 Page 25 Fig 3b.



**No. 982 ) Shekel, year 177, letter Alef between legs, unreported weight, cast FORGERY, Forgery Network item 5270**

### 9.3 Tyre, Ancient Half Shekel Fourees



No. 983 ) Half shekel, year 99, no letter between legs, 6.26 g, 22mm, FOUREE



No. 984 ) Half shekel, year not clear, no letter between legs, 5.76g, 22mm, FOUREE

## 9.4 Tyre, Modern Half Shekel Forgeries

The half shekel items in this section are modern reproductions.

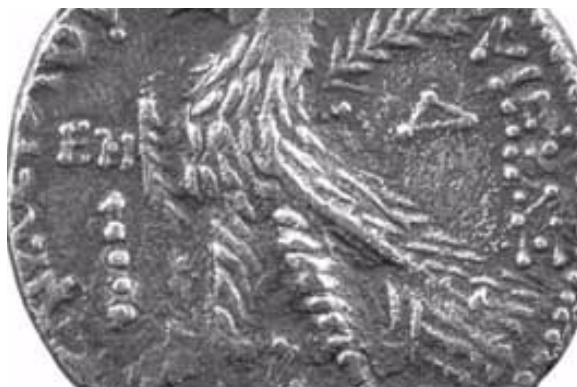


**No. 985 ) Half shekel, year 159, letter Alef between legs, unreported weight, struck FORGERY, offered on the market as jewelry and not genuine**



**No. 986 ) Half shekel, year x7, unclear letter between legs, unreported weight, marked COPY on reverse**





**No. 987 ) Half shekel, year 45, unclear letter  
between legs, 5.61 g, 21 mm, FORGERY**

## 10. ANALYSIS OF YEARS, MONOGRAMS AND PHOENICIAN LETTERS

### 10.1 An Inventory and Photographic Archive of Hoards

Dr. Brooks Levy, curator of the numismatic collection at the Princeton University Firestone Library (1967 - 2004), and Danny Herman, a private tour guide of archaeological sites in Israel, have provided significant contributions to this release of DCA-Tyre. Independently Dr. Brooks and Mr. Herman each amassed detailed surveys of the shekels and half shekels. Their sources included hoards preserved in Israeli museums, the British Museum, standard numismatic references and to a lesser extent coins offered in the market. The complete list of their sources is presented in Section 10.10. They have generously shared their complete surveys and permitted me to publish them. Dr. Levy's notes consisted of citations of shekels and half shekels from Tyre year 79 through year 191 drawn from museum collections, publications and the market. It listed 695 shekels and 88 half shekels. Mr. Herman's inventory encompassed the entire yearly range of the shekels and half shekels and included photographs for about half his citations. His inventory included 1,502 shekels and 312 half shekels that largely came from museum collections. I have integrated their citations and photographs into the body of DCA-Tyre where the respective museums provided their permissions. For the most part, Dr. Levy's review of market sources did not appear in Mr. Herman's listing. This inventory listing by Dr. Levy can serve as future work to verify additional monograms and Phoenician letters by year. It is listed in its entirety in Section 10.11.

A substantial number of Mr. Herman's coin images are owned by the Israel Antiquities Authority (IAA) and the Hecht Museum. Each organization has provided their permission to me to publish a limited number of these photos where they retain the publishing rights. Their names are identified with each photo. In several instances, the IAA possessed coin images from the Qumran hoard. The IAA could not grant permission to reproduce these photos, and they are excluded from DCA-Tyre. For the few coin images in DCA-Tyre where the coin originated from the Qumran hoard, the publishing author or organization granted permission to reproduce the image.

Mr. Herman created an exhaustive compendium of drawings of the monograms and the various forms of the Phoenician letters, Alef and Bet, on the shekels and half shekels. These are reproduced in Figure 10-1 through Figure 10-6. The frequency graphs by year in Figure 10-7 and Figure 10-8 are based on his work. This same data appear in tabular format in Section 10.8.

Besides a small number of shekels and half shekels from the market, Mr. Herman's archive described in detail the year, Phoenician letter and monograms on each shekel or half shekel in hoards residing in museum collections. Most of these hoards are identified in Table 10-1. The Introduction in Section 1 provides the relevant citations for most of these hoards. The fifth column indicates the median date, that is, the Tyre year for which half the shekels or half shekels in the hoard were less than or equal to the median year, or equivalently half were higher than this year. For example, the Bir-Zeit hoard had 34 coins. Since the median year was year 64, there were 17 coins between years 27 and 64, and 17 coins from year 65 to 73.

**Table 10-1.** Hoards containing shekels or half shekels for which Danny Herman maintained a partial photographic archive. In several instances, more than one institution maintained parts of a single hoard

| <b>Hoard Site</b> | <b>Location</b>                    | <b>Count in Archive<br/>(mixed shekels<br/>and half shekels)</b> | <b>Earliest date<br/>(Tyre Era)</b> | <b>Latest date<br/>(Tyre Era)</b> | <b>Median date<br/>(Tyre Era)</b> |
|-------------------|------------------------------------|------------------------------------------------------------------|-------------------------------------|-----------------------------------|-----------------------------------|
| <b>Beirut</b>     | Lebanon                            | 78                                                               | 1                                   | 184                               | 46                                |
| <b>Beirut</b>     | Lebanon                            | 34                                                               | 27                                  | 73                                | 64                                |
| <b>Bir-Zeit</b>   | north of<br>Ramallah,<br>West Bank | 35                                                               | 103                                 | 186                               | 162                               |
| <b>Gamla</b>      | Golan<br>Heights                   | 43                                                               | 1                                   | 189                               | 161                               |
| <b>Irbid</b>      | northwest<br>Syria                 | 40                                                               | 92                                  | 190                               | 162                               |
| <b>Isfiya</b>     | near Haifa                         | 818 <sup>a</sup>                                                 | 86                                  | 186                               | 161                               |
| <b>Qumran</b>     | West<br>Bank, Red<br>Sea           | 187                                                              | not published                       | not published                     | not published                     |
| <b>Silwan</b>     | east<br>Jerusalem                  | 8                                                                | 143                                 | 190                               | 172                               |
| <b>Zahala</b>     | central<br>Lebanon                 | 8                                                                | 1                                   | 6                                 | 4                                 |

a) Retained by Israel Antiquities Authority and Hecht Museum

## 10.2 Compendium of Monograms

Danny Herman summarized 698 monograms seen on the shekels and half shekels. Many of the monograms differed only slightly from one another.

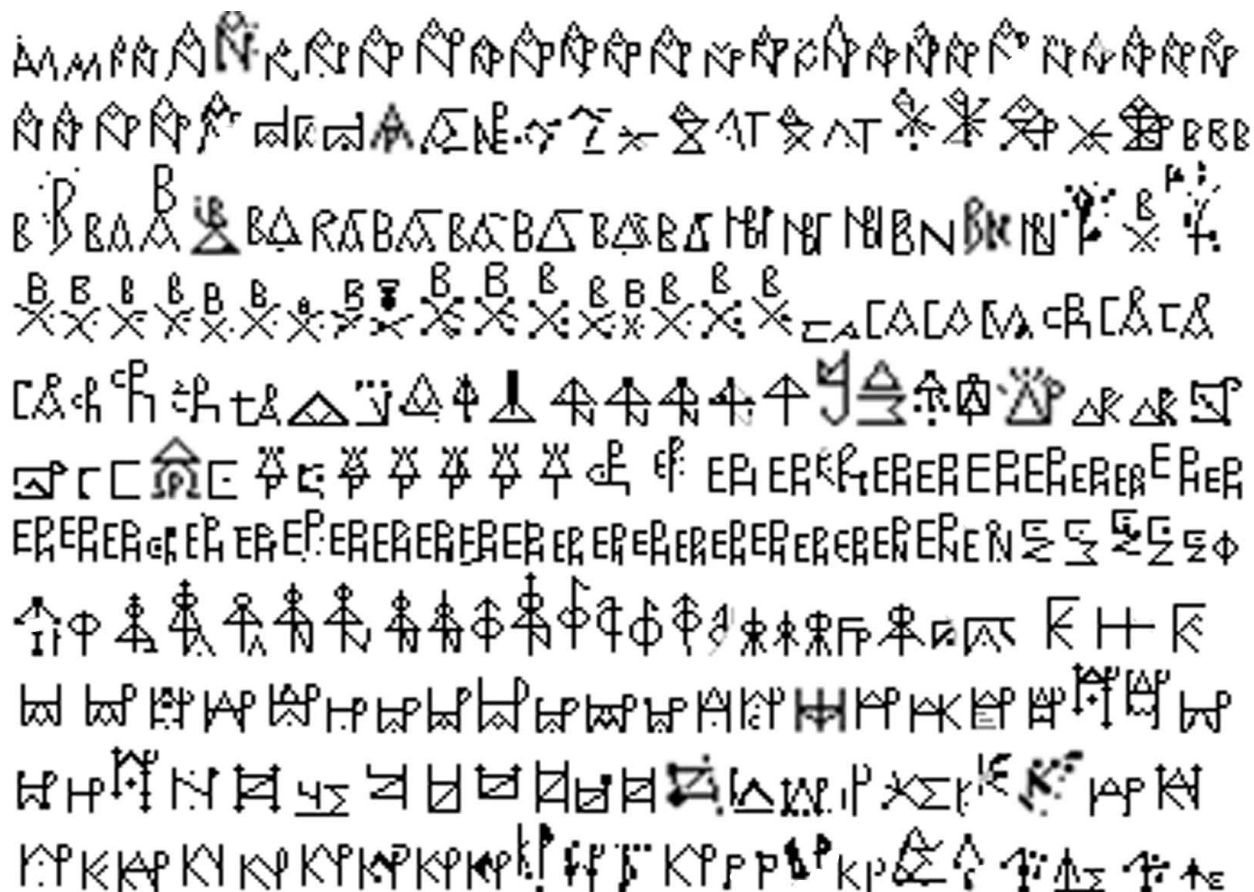


Figure 10-1. Monograms on the shekels and half shekels, part 1. Prepared by Danny Herman

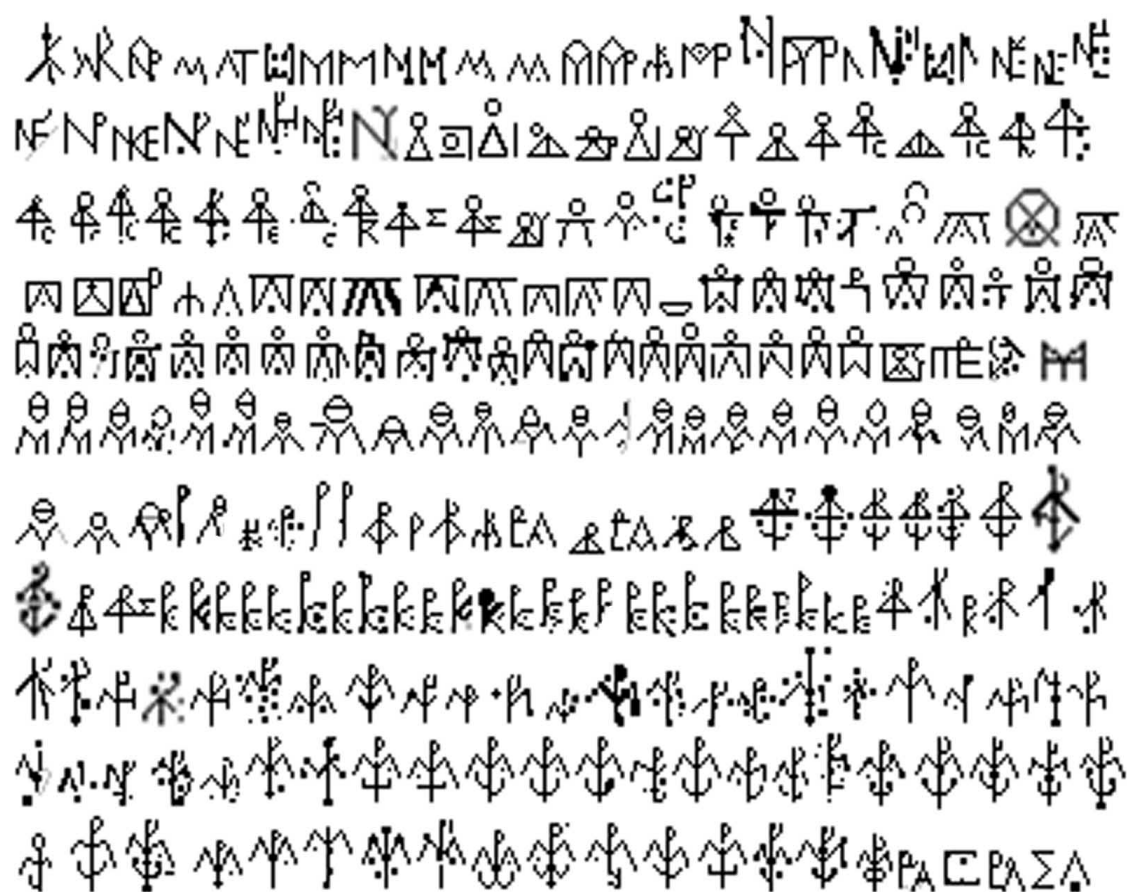
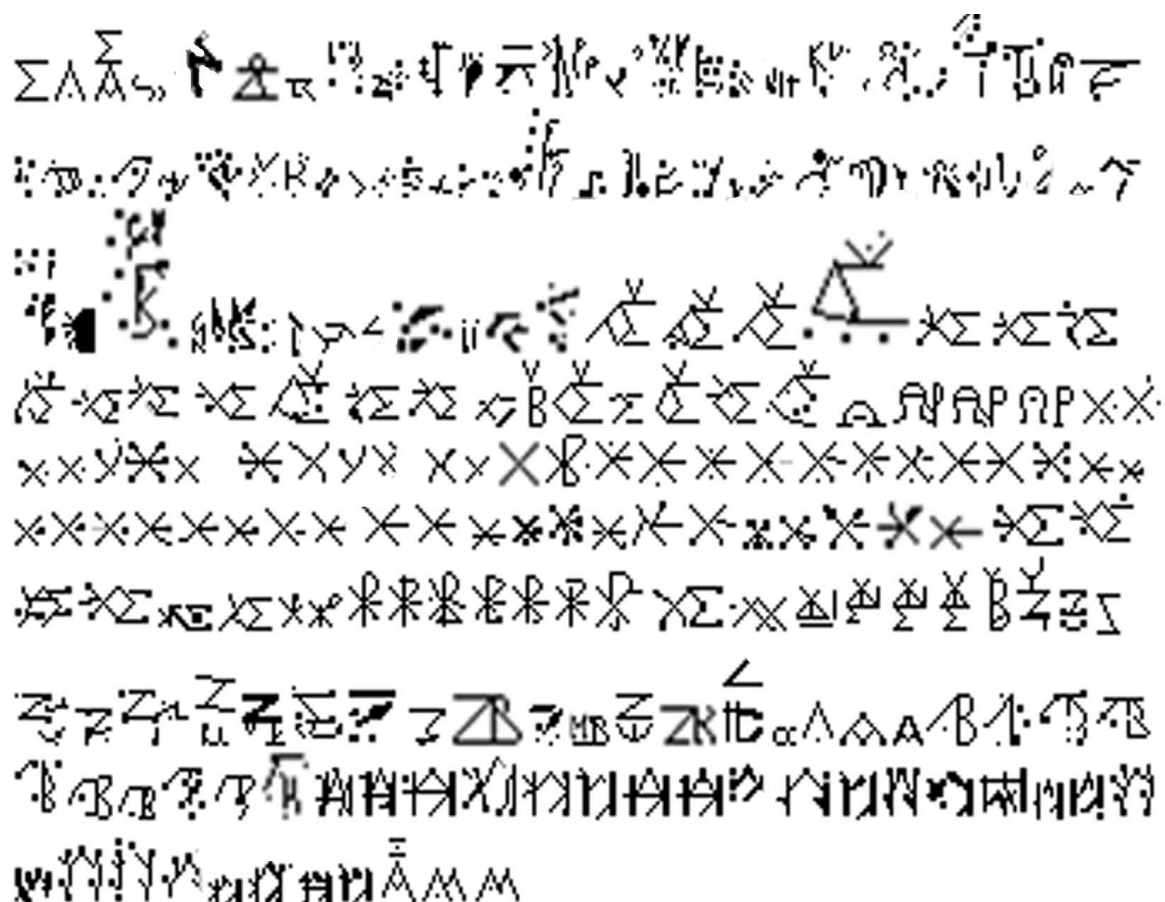


Figure 10-2. Monograms on the shekels and half shekels, part 2. Prepared by Danny Herman





**Figure 10-3. Monograms on the shekels and half shekels, part 3. Prepared by Danny Herman**

Figure 10-4 shows selected monograms by year on the shekels and half shekels primarily from museum collections and the photographic section of DCA-Tyre. Table 10-2 shows that the represented monograms. Monograms appear in great variety and various levels of contiguous years on the shekels and half shekels. Those monograms in Figure 10-4 and defined by Table 10-2 collect the monogram varieties and illustrate their basic forms.





In most years, the shekels and half shekels showed at least two different monograms besides KP. For example, shekels and half shekels of year 113, when the KP monogram started, used at least five monograms plus KP. Their monogram numbers and monograms were: 21 BN, 35 KP, 36 , 37 , 38 , 39 .

Table 10-4 indicates the number of monograms for each year that are tracked in Figure 10-4.

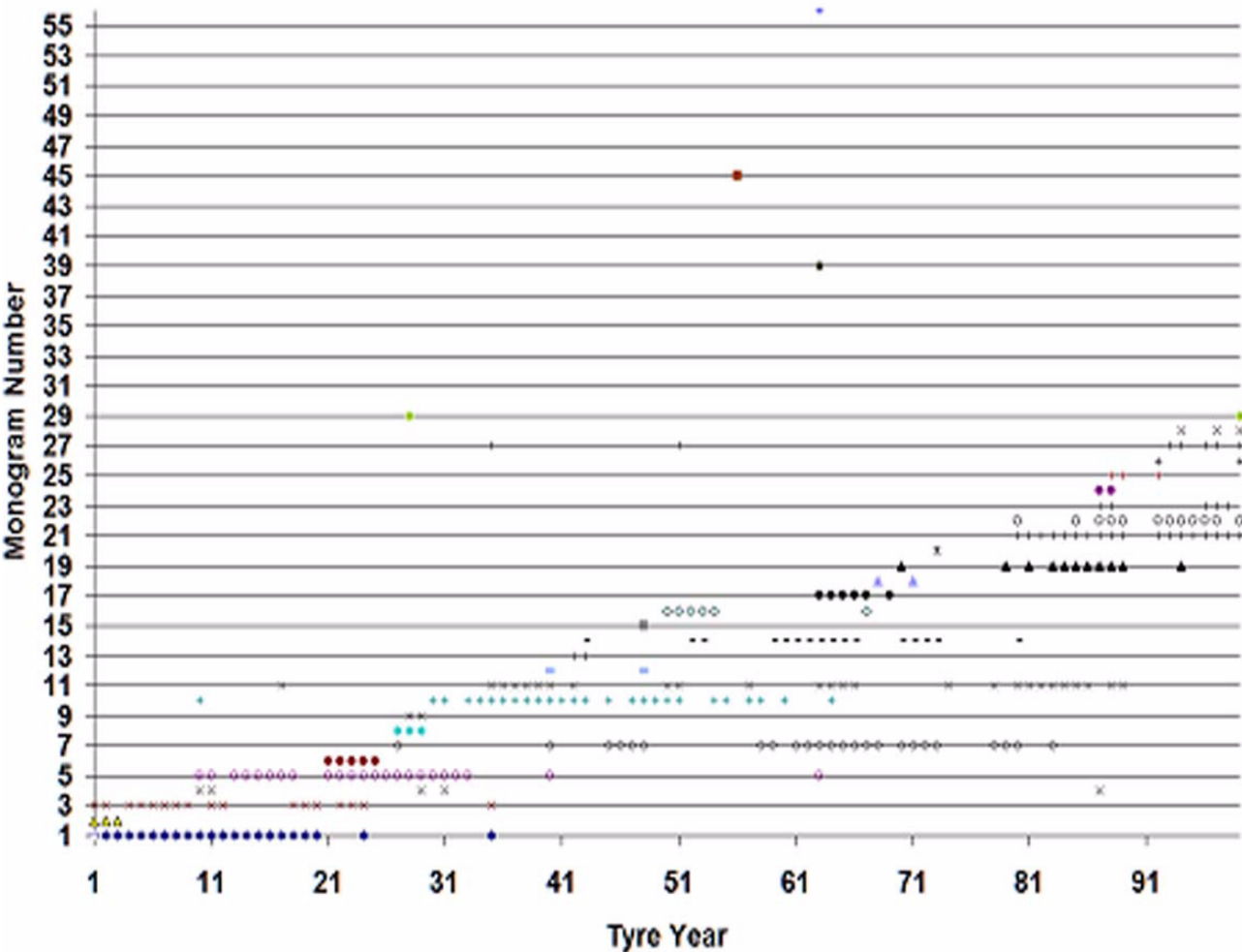


Figure 10-4. Monograms by Year. Data sources: analysis by Danny Herman of museum collections and supplemented by photos in DCA-Tyre. See Table 10-2 for monogram numbers, monograms and years for each monogram that populate this graph. Table 10-4 lists the number of monograms for each year.

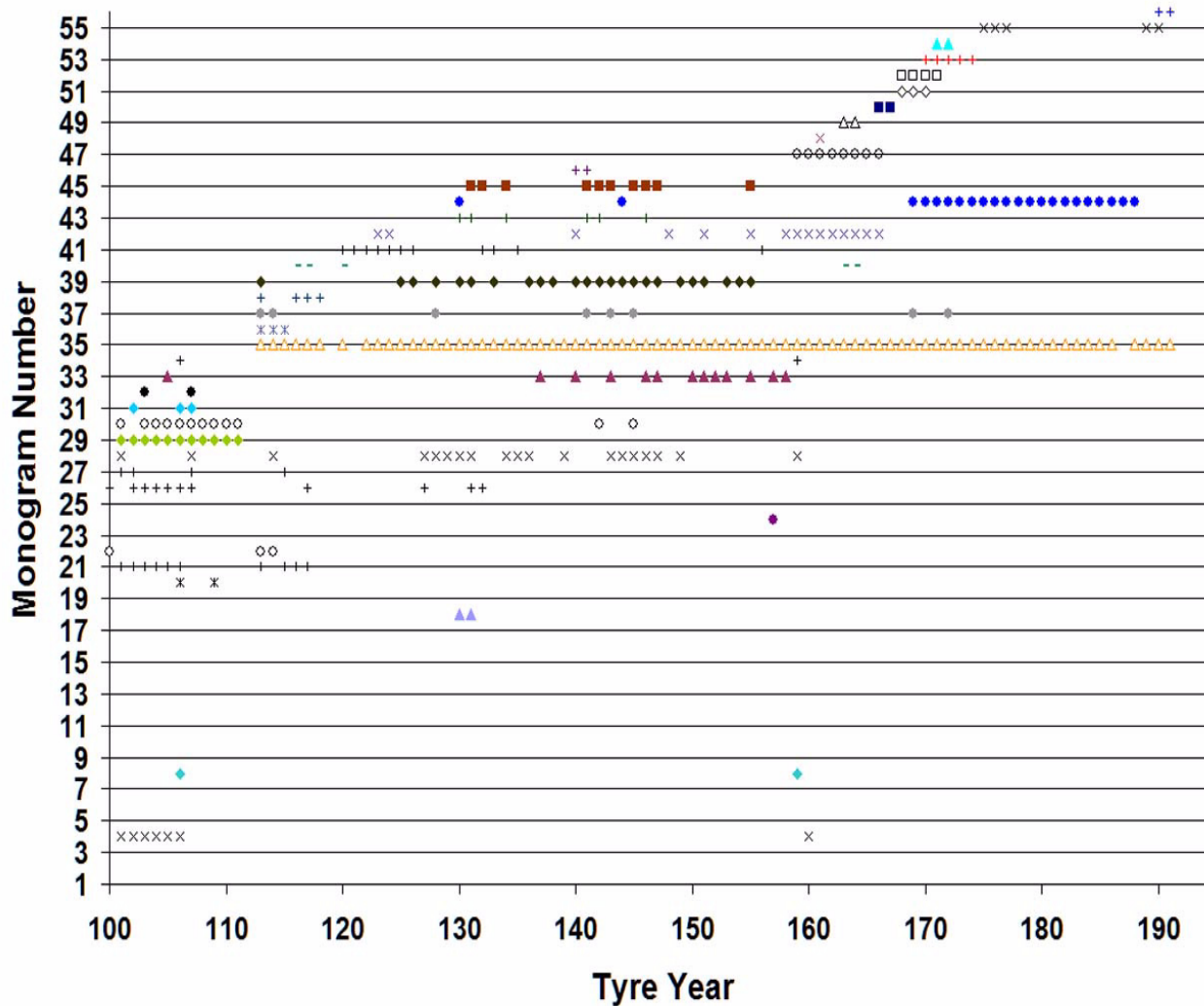




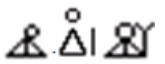












Figure 10-4 (continued) Monograms by Year. Data sources: analysis by Danny Herman of museum collections and supplemented by photos in DCA-Tyre. See Table 10-2 for monogram numbers, monograms and years for each monogram that populate this graph. Table 10-4 lists the number of monograms for each year.

**Table 10-2.** Monogram numbers in this table correspond to the monograms used in Figure 10-4. Source: Museums and DCA-Tyre







| Monogram Number | Monogram                                                                            | Tyre Years                                                                          | Number of Years |
|-----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------|
| 1               | ZB                                                                                  | 1 2 3 4 5 6 7 8 9 10 11 12<br>13 14 15 16 17 18 19 20 24<br>35                      | 22              |
| 2               | F <sub>P</sub>                                                                      | 1 2 3                                                                               | 3               |
| 3               | M                                                                                   | 1 2 4 5 6 7 8 9 11 12 18 19<br>20 22 23 24 35                                       | 17              |
| 4               | ΣA                                                                                  | 10 11 29 31 87 97 101 102<br>103 104 105 106 160                                    | 13              |
| 5               |    | 10 11 13 14 15 16 17 18 21<br>22 23 24 25 26 27 28 29 30<br>31 32 33 40 63          | 23              |
| 6               |   | 21 22 23 24 25                                                                      | 5               |
| 7               |  | 27 40 45 46 47 48 58 59 61<br>62 63 64 65 66 67 68 70 71<br>72 73 78 79 80 83       | 24              |
| 8               |  | 27 28 29 106 159                                                                    | 5               |
| 9               | CA                                                                                  | 28 29                                                                               | 2               |
| 10              | Δ                                                                                   | 10 30 31 33 34 35 36 37 38<br>39 40 41 42 43 45 47 48 49<br>50 51 54 55 57 58 60 64 | 26              |
| 11              |  | 17 35 36 37 38 39 40 42 50<br>51 57 63 64 65 66 74 78 80<br>81 82 83 84 85 86       | 26              |
| 12              |  | 40 48                                                                               | 2               |
| 13              | AΣ                                                                                  | 42 43                                                                               | 2               |
| 14              | Z                                                                                   | 43 52 53 59 60 61 62 63 64<br>65 66 70 71 72 73 80                                  | 16              |
| 15              |  | 48                                                                                  | 1               |

**Table 10-2.** Monogram numbers in this table correspond to the monograms used in Figure 10-4. Source: Museums and DCA-Tyre












| Monogram Number | Monogram                                                                            | Tyre Years                                                                                                 | Number of Years |
|-----------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------|
| 16              |    | 50 51 52 53 54 67                                                                                          | 6               |
| 17              |    | 63 64 65 66 67 69                                                                                          | 6               |
| 18              | $\Sigma$                                                                            | 68 71 130 131                                                                                              | 4               |
| 19              |    | 70 79 81 83 84 85 86 87 88<br>89 94                                                                        | 11              |
| 20              | $\Theta E$                                                                          | 73 106 109                                                                                                 | 3               |
| 21              | <b>BN</b>                                                                           | 80 81 82 83 84 85 86 87 88<br>89 92 93 94 95 96 97 98 99<br>100 101 102 103 104 105<br>106 113 115 116 117 | 29              |
| 22              |    | 80 85 87 88 89 92 93 94 95<br>96 97 99 100 113 114                                                         | 15              |
| 23              |  | 87 88 93 96 97 98                                                                                          | 6               |
| 24              |  | 87 88 157                                                                                                  | 3               |
| 25              | <b>ZN</b>                                                                           | 88 89 92                                                                                                   | 3               |
| 26              |  | 92 99 100 102 103 104 105<br>106 107 117 127 131 132                                                       | 13              |
| 27              |  | 35 51 93 94 96 97 99 100<br>101 102 107 115                                                                | 12              |
| 28              |  | 94 97 99 101 107 114 127<br>128 129 130 131 134 135<br>136 139 143 144 145 146<br>147 149 159              | 22              |
| 29              |  | 28 99 101 102 103 104 105<br>106 107 108 109 110 111                                                       | 13              |
| 30              |  | 101 103 104 105 106 107<br>108 109 110 111 142 145                                                         | 12              |
| 31              |  | 102 106 107                                                                                                | 3               |
| 32              | $H\Sigma$                                                                           | 103 107                                                                                                    | 2               |



**Table 10-2.** Monogram numbers in this table correspond to the monograms used in Figure 10-4. Source: Museums and DCA-Tyre

| Monogram Number | Monogram                                                                            | Tyre Years                                                                                                                                                                                                                                                                                                                                              | Number of Years |
|-----------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 33              |    | 105 137 140 143 146 147<br>150 151 152 153 155 157<br>158                                                                                                                                                                                                                                                                                               | 13              |
| 34              |    | 106 159                                                                                                                                                                                                                                                                                                                                                 | 2               |
| 35              | KP                                                                                  | 113 114 115 116 117 118<br>120 122 123 124 125 126<br>127 128 129 130 131 132<br>133 134 135 136 137 138<br>139 140 141 142 143 144<br>145 146 147 148 149 150<br>151 152 153 154 155 156<br>157 158 159 160 161 162<br>163 164 165 166 167 168<br>169 170 171 172 173 174<br>175 176 177 178 179 180<br>181 182 183 184 185 186<br>187 188 189 190 191 | 77              |
| 36              |  | 113 114 115                                                                                                                                                                                                                                                                                                                                             | 3               |
| 37              |  | 113 114 128 141 143 145<br>169 172                                                                                                                                                                                                                                                                                                                      | 8               |
| 38              |  | 113 116 117 118                                                                                                                                                                                                                                                                                                                                         | 4               |
| 39              |  | 113 125 126 128 130 131<br>133 136 137 138 140 141<br>142 143 144 145 146 147<br>149 150 151 153 154 155                                                                                                                                                                                                                                                | 24              |
| 40              |  | 116 117 120 163 164                                                                                                                                                                                                                                                                                                                                     | 5               |
| 41              |  | 120 121 122 123 124 125<br>126 132 133 135 156                                                                                                                                                                                                                                                                                                          | 11              |
| 42              |  | 123 124 140 148 151 155<br>158 159 160 161 162 163<br>164 165 166                                                                                                                                                                                                                                                                                       | 15              |
| 43              |  | 130 131 134 141 142 146                                                                                                                                                                                                                                                                                                                                 | 6               |

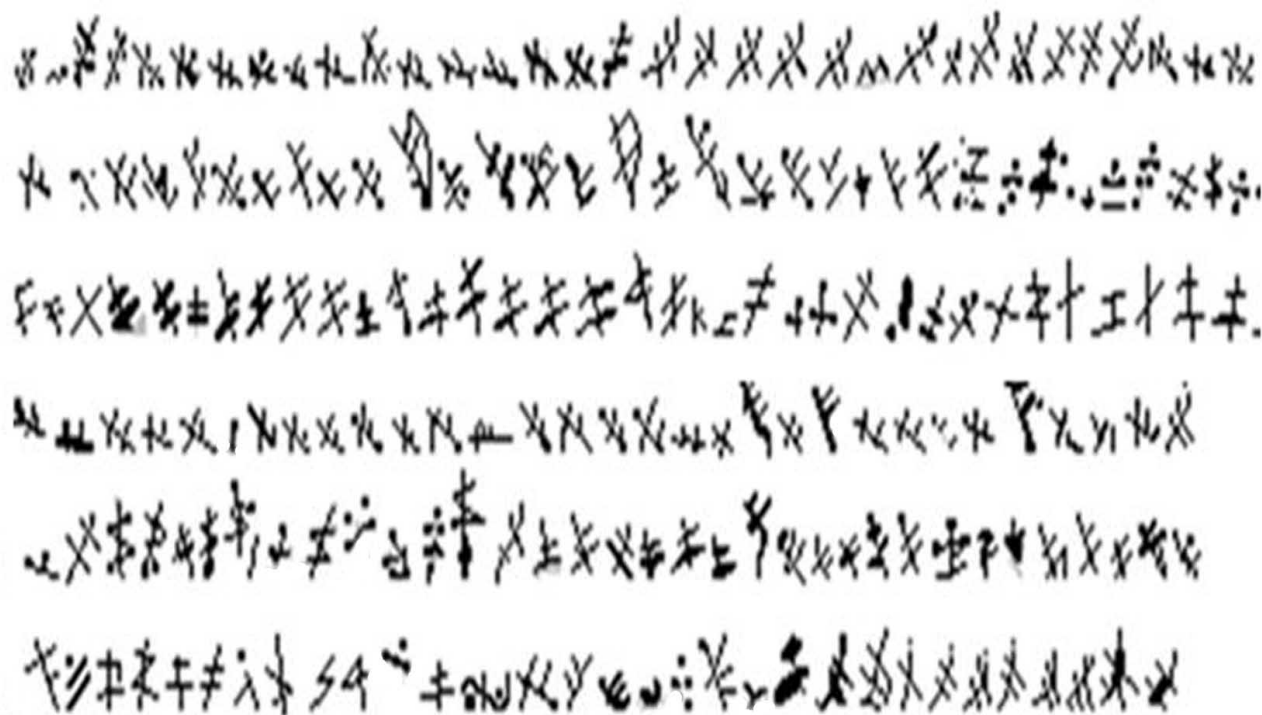
**Table 10-2.** Monogram numbers in this table correspond to the monograms used in Figure 10-4. Source: Museums and DCA-Tyre

| Monogram Number | Monogram                                                                            | Tyre Years                                                                                       | Number of Years |
|-----------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------|
| 44              |    | 130 144 169 170 171 172<br>173 174 175 176 177 178<br>179 180 181 182 183 184<br>185 186 187 188 | 22              |
| 45              |    | 56 131 132 134 141 142<br>143 145 146 147 155                                                    | 11              |
| 46              |    | 140 141                                                                                          | 2               |
| 47              |    | 159 160 161 162 163 164<br>165 166                                                               | 8               |
| 48              |    | 161                                                                                              | 1               |
| 49              |    | 163 164                                                                                          | 2               |
| 50              |   | 166 167                                                                                          | 2               |
| 51              |  | 168 169 170                                                                                      | 3               |
| 52              |  | 168 169 170 171                                                                                  | 4               |
| 53              |  | 170 171 172 173 174                                                                              | 5               |
| 54              |  | 171 172                                                                                          | 2               |
| 55              |  | 175 176 177 189 190                                                                              | 5               |
| 56              | HP and HP <sub>A</sub>                                                              | 63 190 191                                                                                       | 3               |



### 10.3 Compendium of Phoenician Letters

In Figure 10-5 and Figure 10-6, Mr. Herman summarized the various forms of the Phoenician letters, either Alef or Bet that usually appears below the eagle on the shekels and half shekels. In nearly every year, the coins with Bet exceeded those with Alef. Table 10-3 in Section 10.8 shows the frequency in museum collections of Alef and Bet each year.



**Figure 10-5. Forms of the Phoenician letter Alef on the shekels and half shekels. Prepared by Danny Herman. There are 199 forms of Alef shown.**

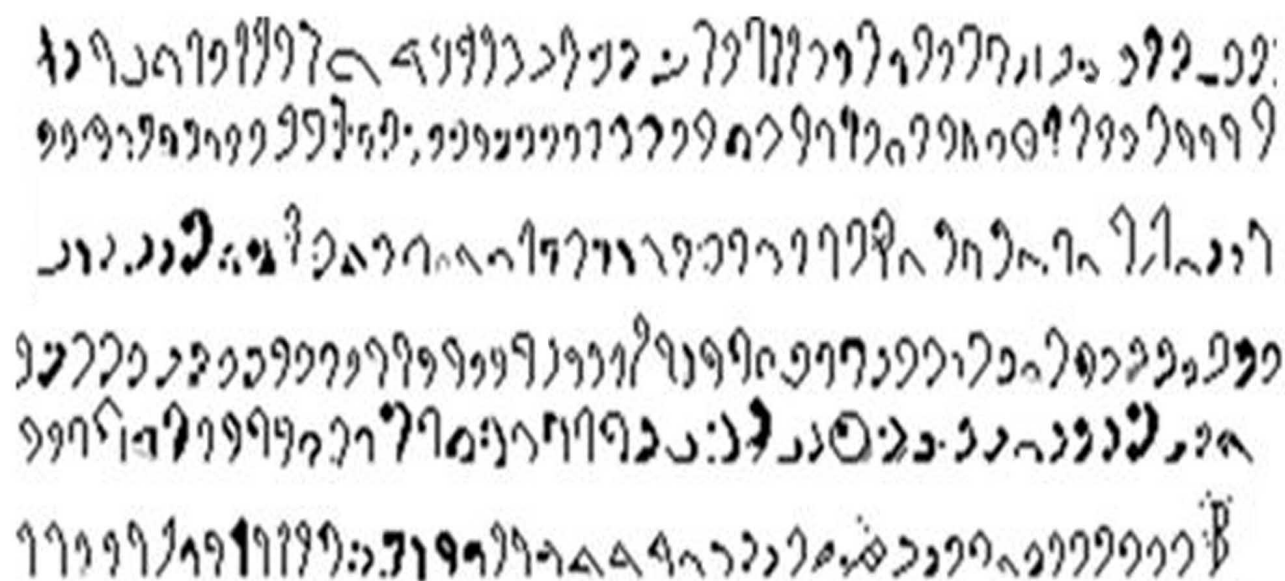


Figure 10-6. Forms of the Phoenician letter Bet on the shekels and half shekels. Prepared by Danny Herman. There are 271 forms of Bet shown.



#### 10.4 Frequency of Phoenician Letters By Year (Source: Museum Collections)

Figure 10-7 compares the frequencies of the Phoenician letters Alef and Bet for the combined shekels and half shekels by year. In nearly every year, the number of observed coins with Bet exceeded Alef. In all, there were 506 coins with Alef (34%) and 978 coins with Bet (58%). These coins are drawn primarily from Museum collections. They include duplicate varieties in contrast to DCA-Tyre, which catalogs only individual varieties. Note that the vertical scales on graphs for museum collections are different for year 1 to 99 and year 100 to 191. That is, these collections have fewer coins for years 1 to 99 than for years 100 to 191.

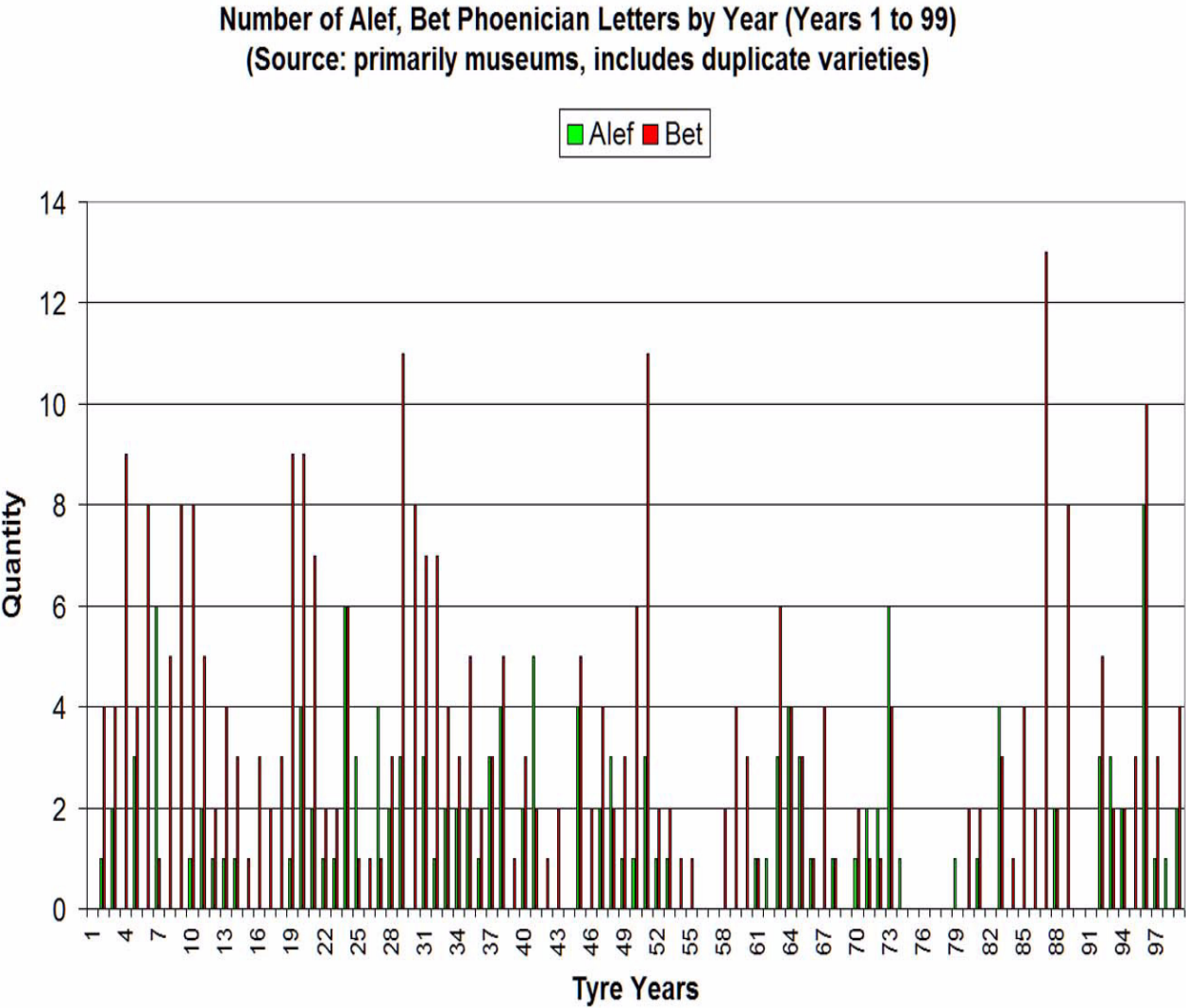


Figure 10-7. Frequency by year of the Phoenician letters, Alef and Bet (graphic shown rotated). Prepared by Danny Herman. 498 shekels or half shekels had Alef. 969 shekels or half shekels had Bet. The data for this figure appear in tabular format in Section 10.8. Note that the vertical scales are different for year 1 to 99 and year 100 to 191. Note that the vertical scales are different for year 1 to 99 and year 100 to 191.

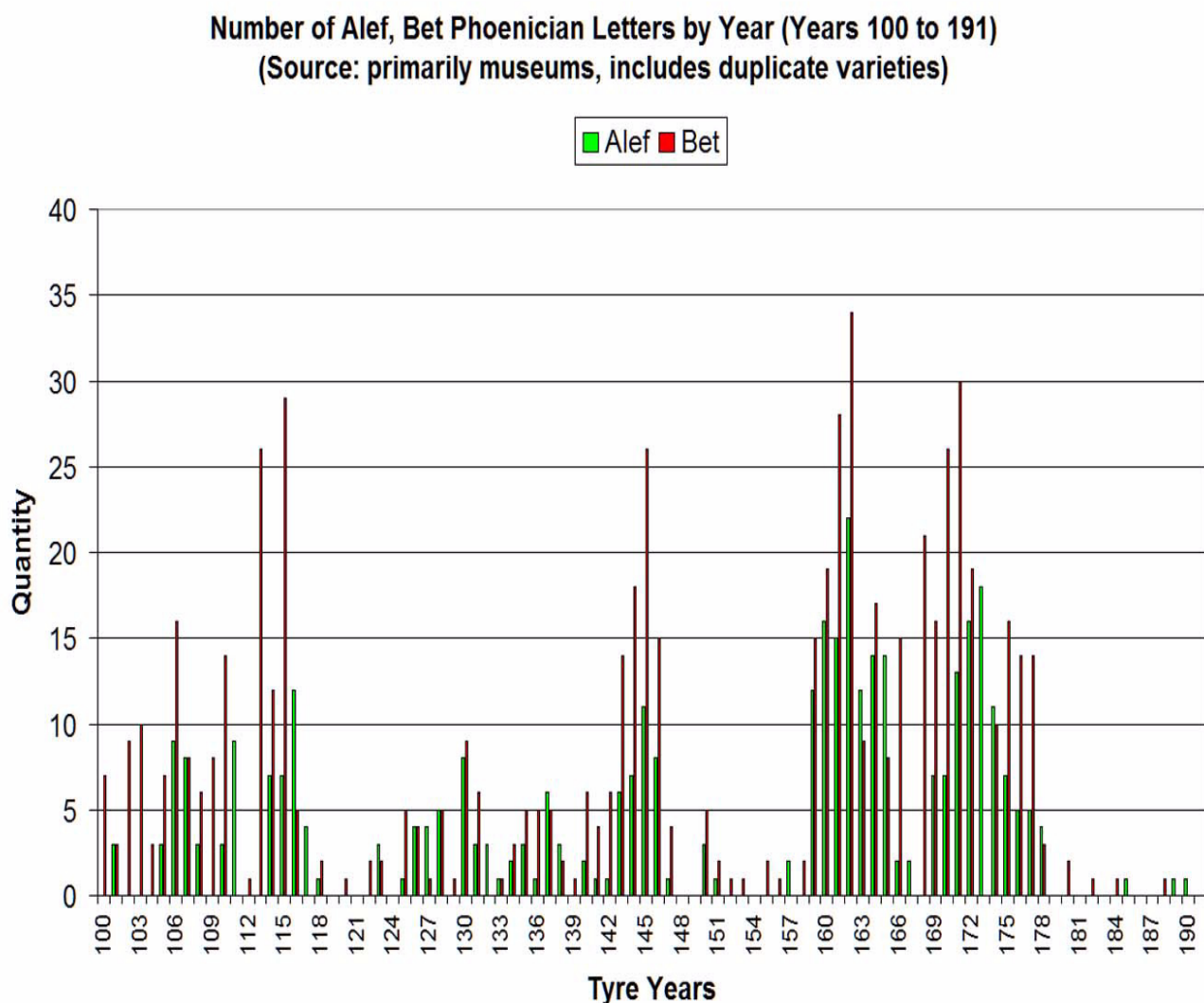


Figure 10-7 (continued). Frequency by year of the Phoenician letters, Alef and Bet (graphic shown rotated). Prepared by Danny Herman. 498 shekels or half shekels had Alef. 969 shekels or half shekels had Bet. The data for this figure appear in tabular format in Section 10.8. Note that the vertical scales are different for year 1 to 99 and year 100 to 191.



### **10.5 Frequency of Shekels, Half Shekels By Year (Source: Museum Collections)**

The frequencies of the shekels and half shekels by year are compared in Figure 10-8. In nearly every year, the number of observed shekels exceeded the half shekels. The aggregate of the shekels and half shekels in the hoards shown in Figure 10-1 form the basis for this graphic. These coins are drawn primarily from Museum collections. They include duplicate varieties in contrast to DCA-Tyre, which catalogs only individual varieties. Note that the vertical scales on graphs for museum collections are different for year 1 to 99 and year 100 to 191. That is, these collections have fewer coins for years 1 to 99 than for years 100 to 191.



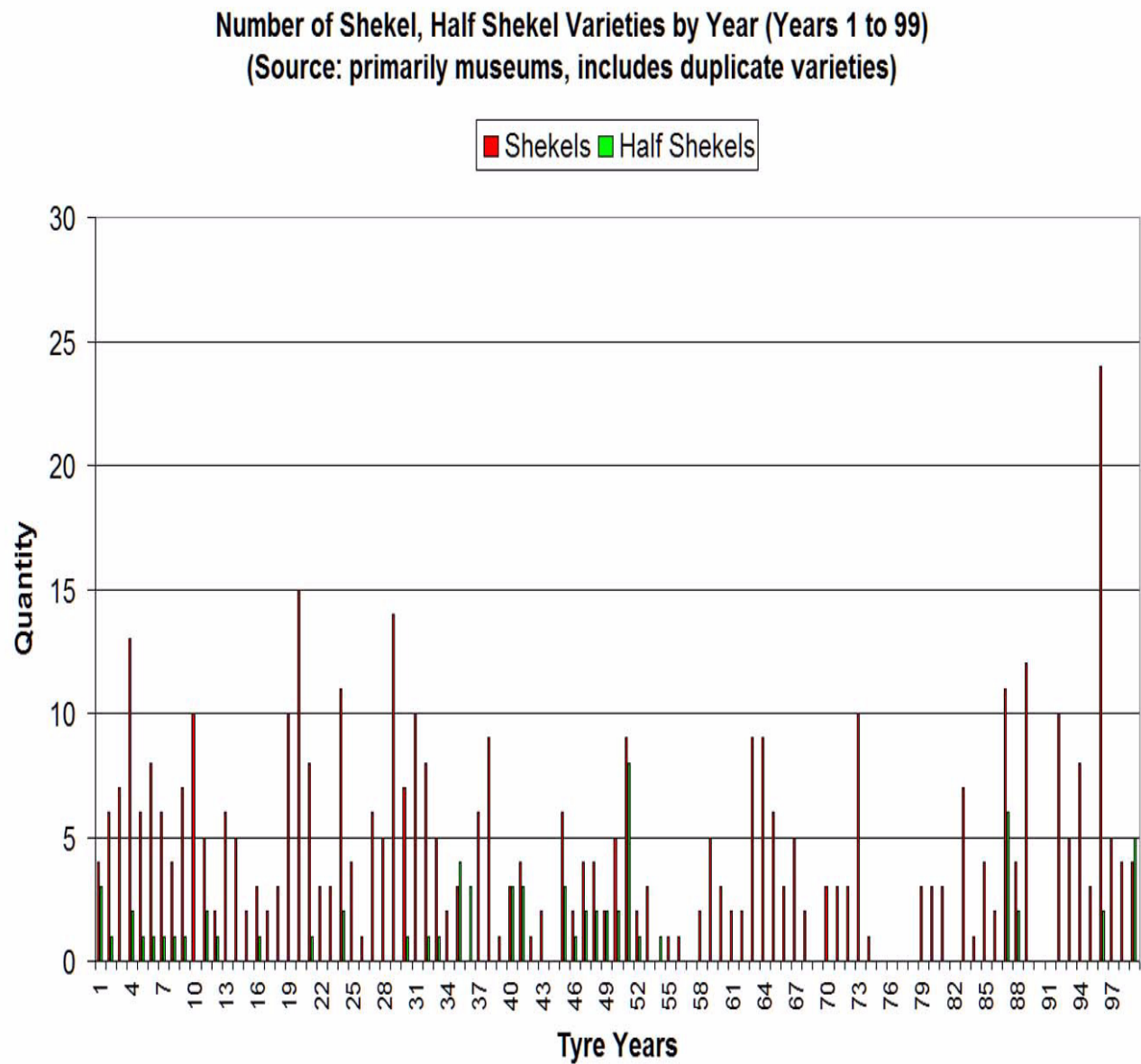


Figure 10-8. Frequency by year of the shekels and half shekels (graphic shown rotated). Prepared by Danny Herman. 1502 shekels, 312 half shekels. The data for this figure appear in tabular format in Section 10.8. Note that the vertical scales are different for year 1 to 99 and year 100 to 191.

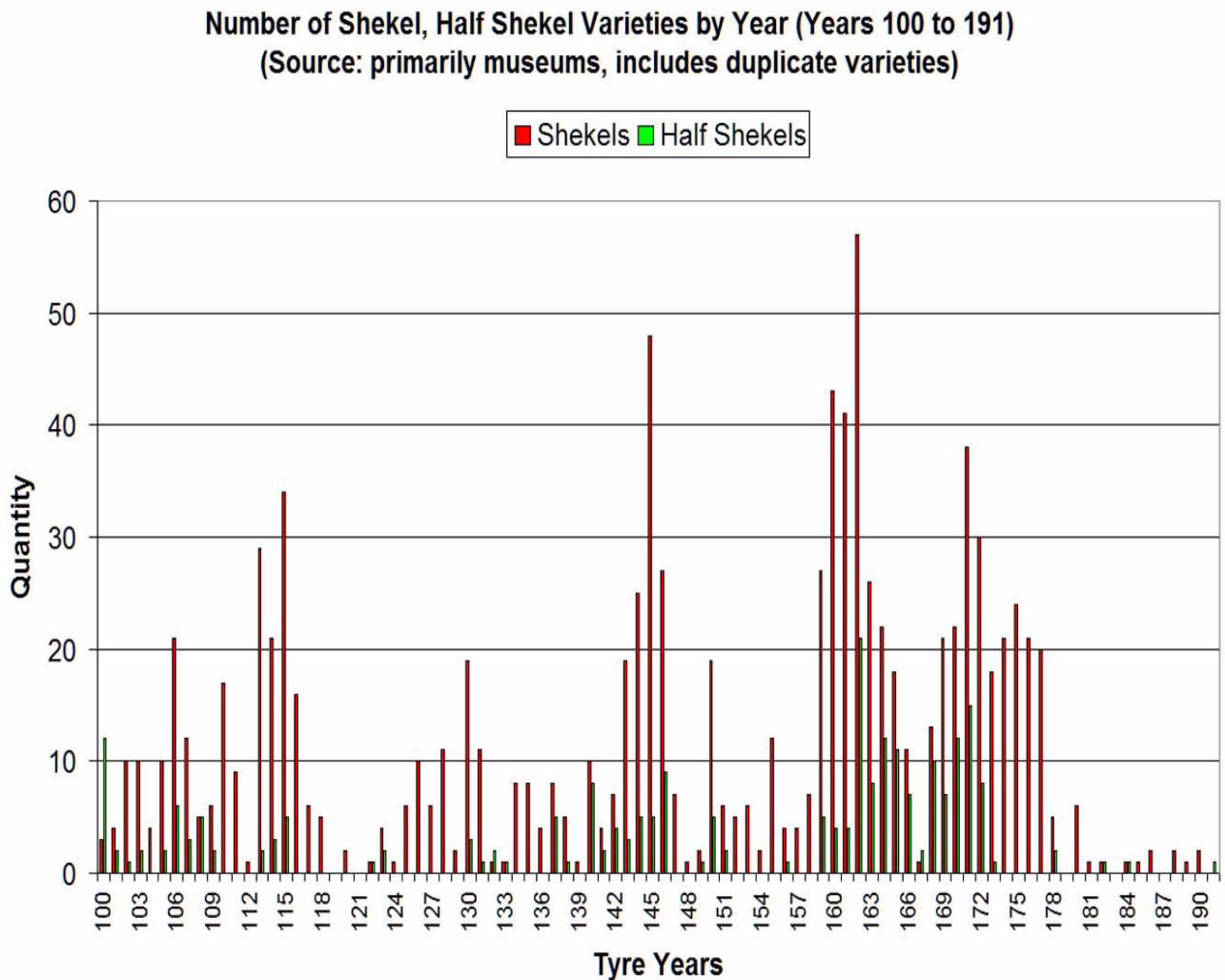
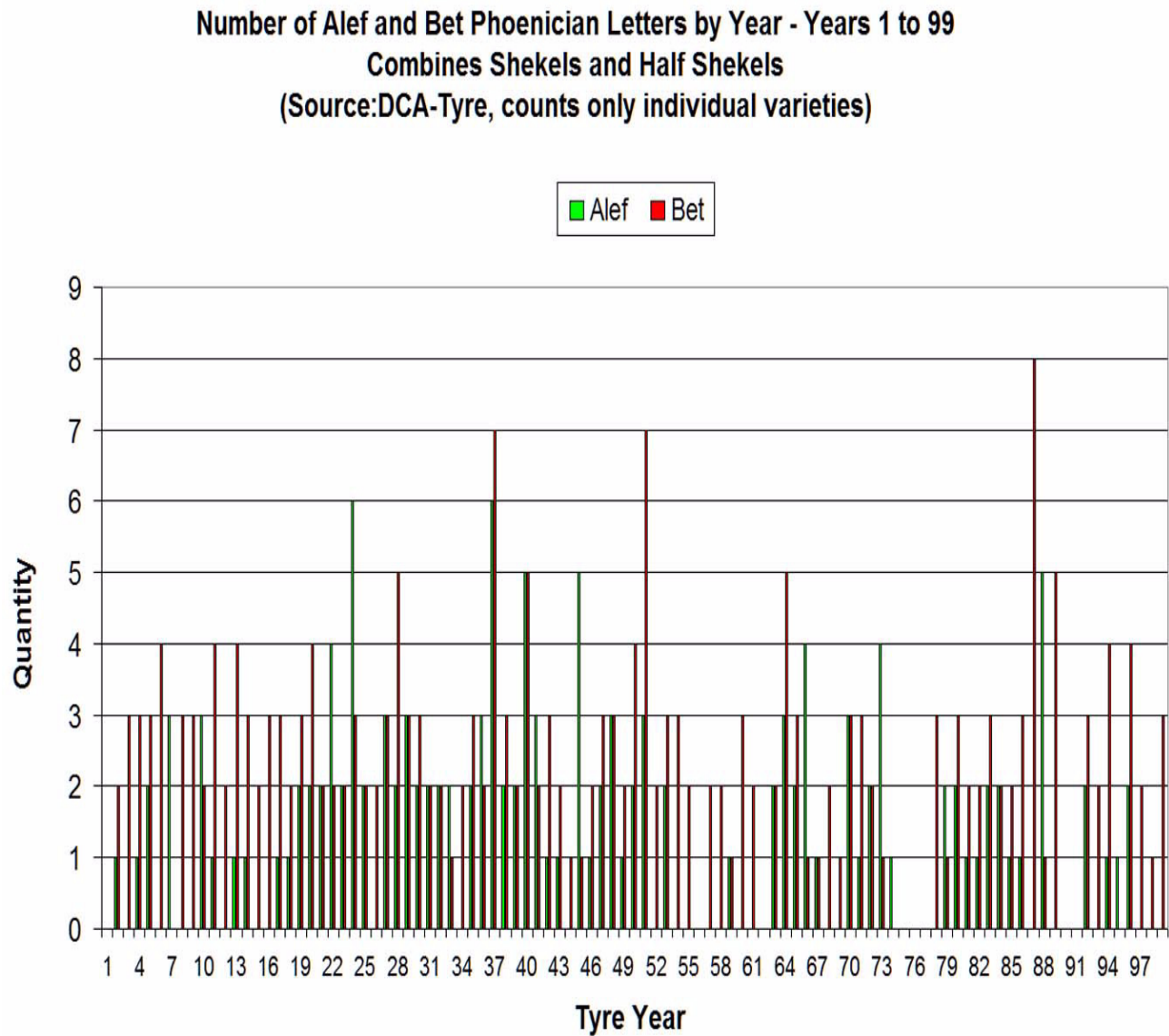


Figure 10-8 (continued) Frequency by year of the shekels and half shekels (graphic shown rotated). Prepared by Danny Herman. 1502 shekels, 312 half shekels. The data for this figure appear in tabular format in Section 10.8. Note that the vertical scales are different for year 1 to 99 and year 100 to 191.



## 10.6 Frequency of Phoenician Letters By Year (Source: DCA-Tyre)

Whereas the previous graphs are drawn primarily from museum collections, which include duplicate varieties, Figure 10-9 relies on DCA-Tyre, which catalogs only individual varieties. Table 10-4 shows the counts used to generate this figure.



**Figure 10-9.** Frequency by year of the Phoenician letters, Alef and Bet (graphic shown rotated). The basis for the counts are the coins in the photo sections of DCA-Tyre. The data for this figure appear in tabular format in Section 10.9.



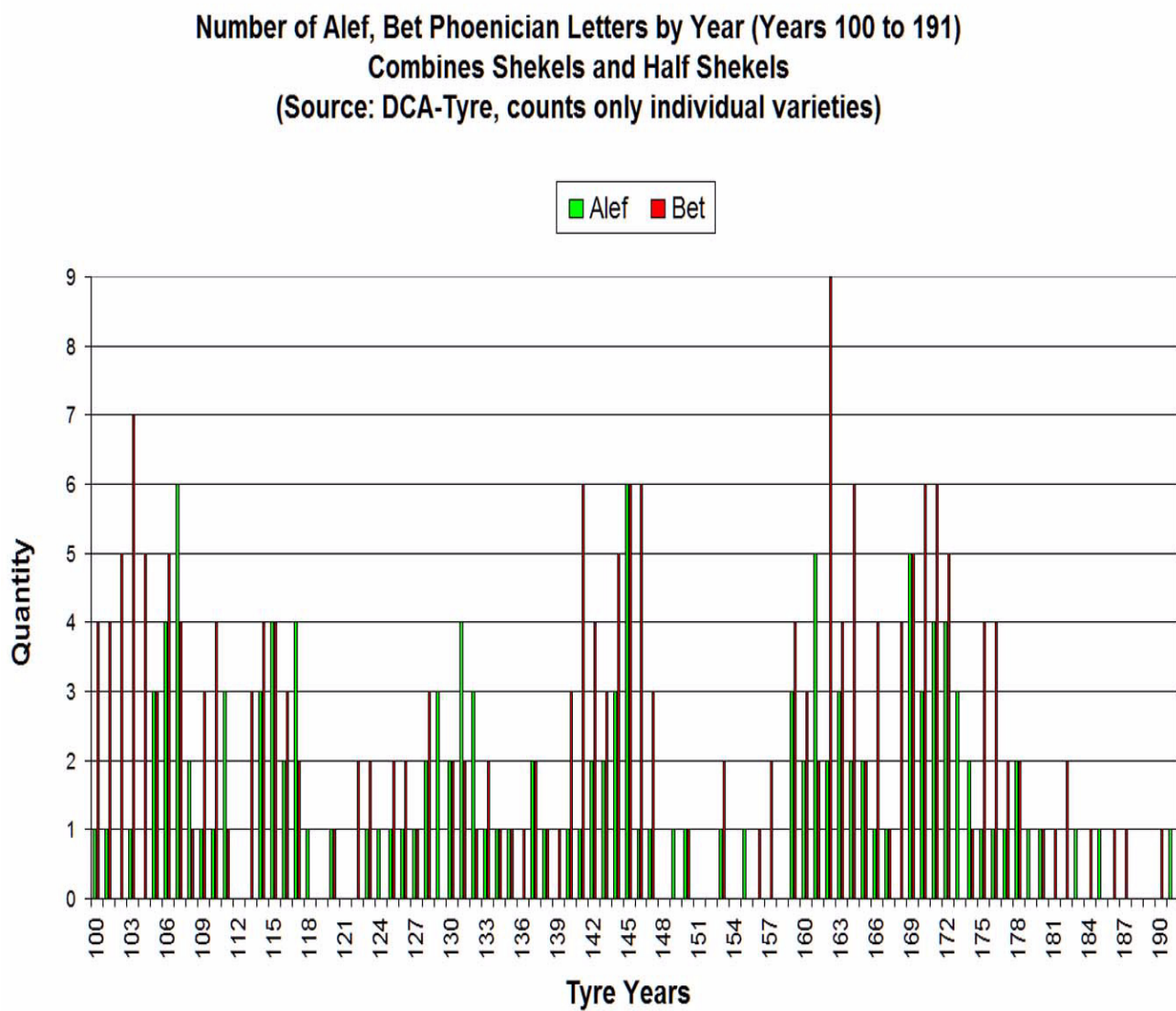


Figure 10-9 (continued). Frequency by year of the Phoenician letters, Alef and Bet (graphic shown rotated). The basis for the counts are the coins in the photo sections of DCA-Tyre. The data for this figure appear in tabular format in Section 10.9.



### **10.7 Frequency of Shekels, Half Shekels By Year (Source: DCA-Tyre)**

The frequency distribution by year for the shekels and half shekels in this section is drawn from the body of DCA-Tyre. Whereas the graphs in the previous section are drawn primarily from museum collections, which include duplicate varieties, Figure 10-10 relies on DCA-Tyre, which catalogs only individual varieties. Table 10-4 shows the counts used to generate this figure.

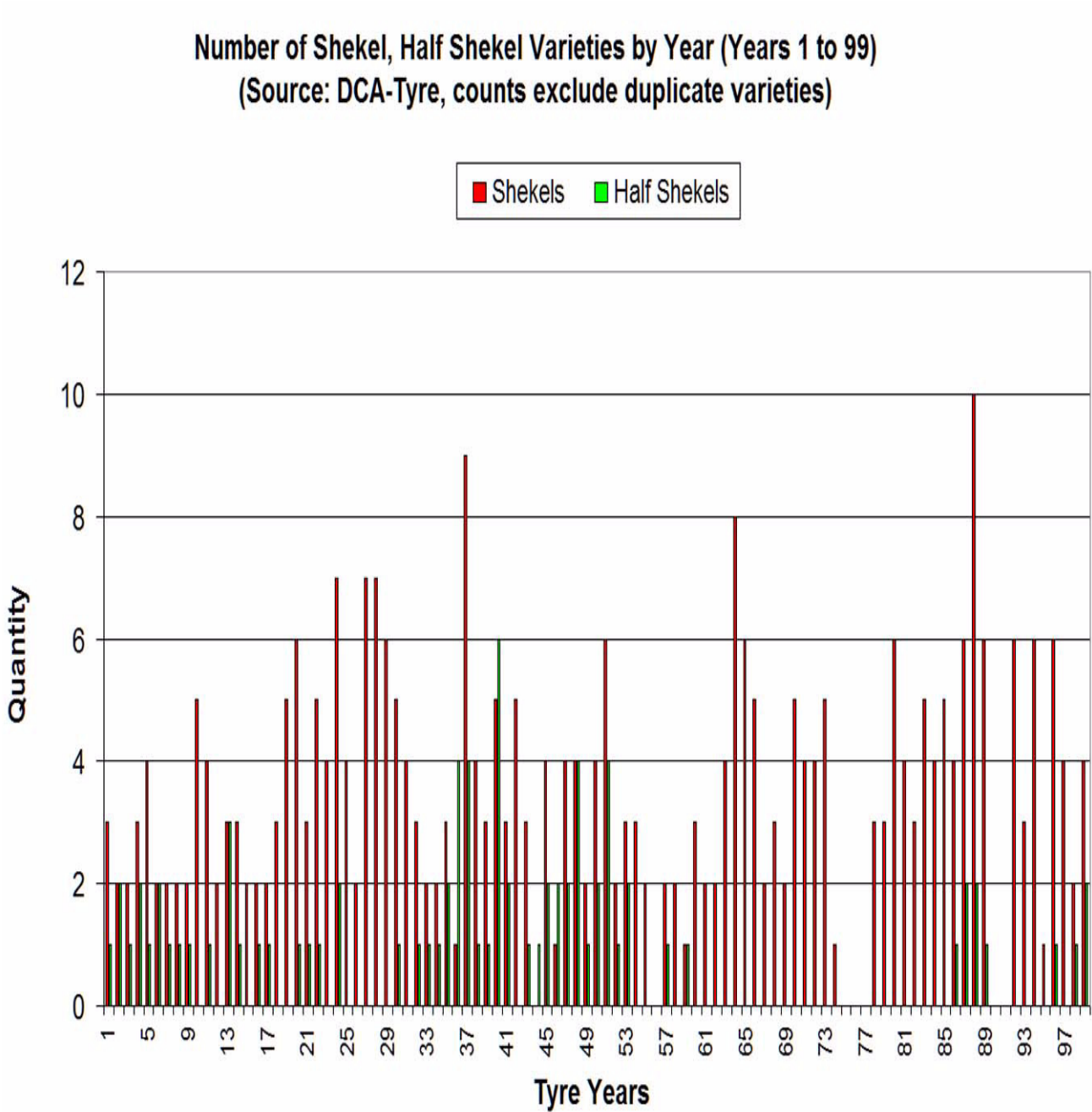


Figure 10-10. Frequency by year of the shekels and half shekels (graphic shown rotated). The basis for the counts are the coins in the photo sections of DCA-Tyre. The data for this figure appear in tabular format in Section 10.9.

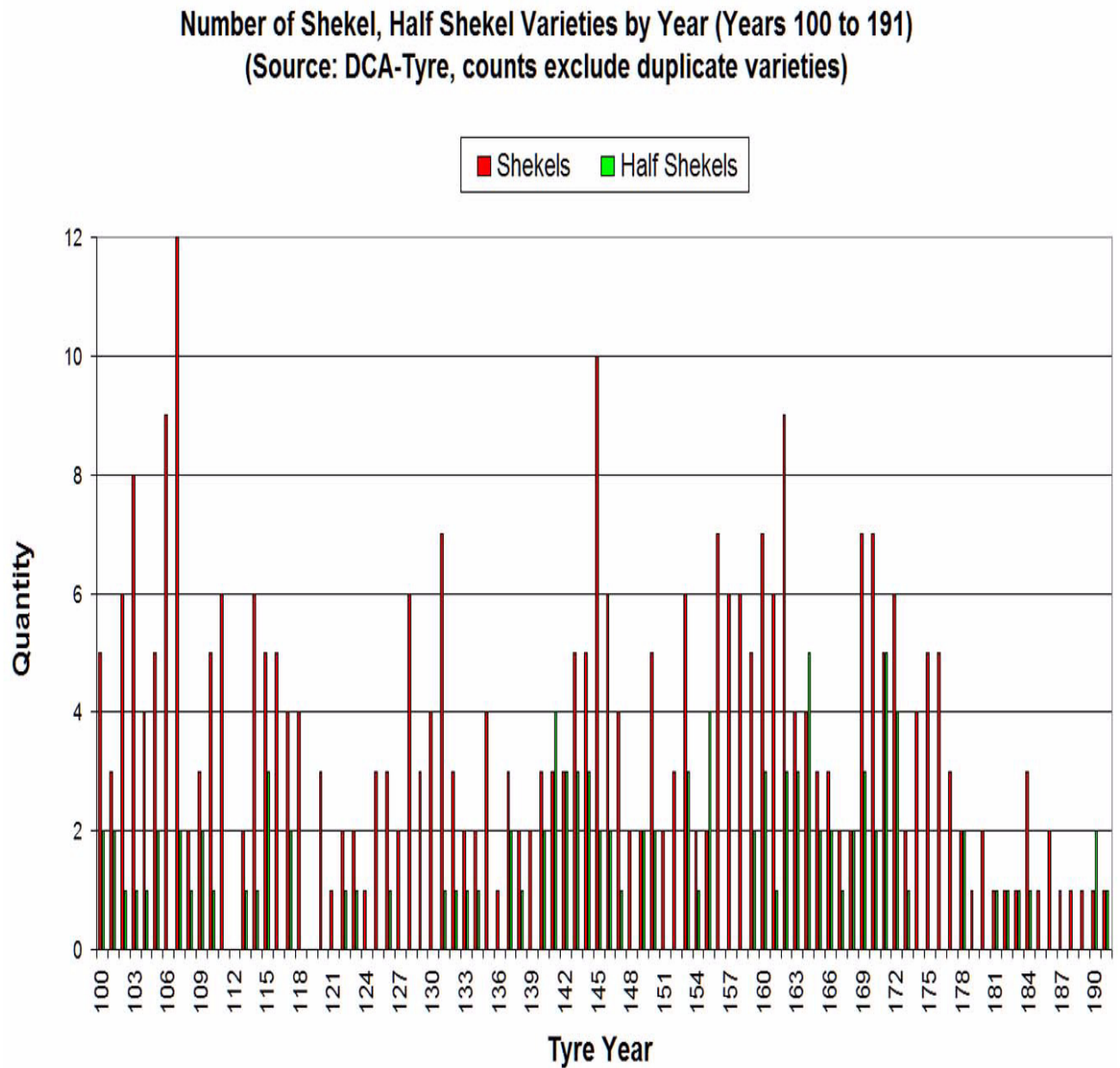


Figure 10-10 (continued). Frequency by year of the shekels and half shekels (graphic shown rotated). The basis for the counts are the coins in the photo sections of DCA-Tyre. The data for this figure appear in tabular format in Section 10.9.





## 10.8 Counts from Museum Collections

The aggregate of the shekels and half shekels in the hoards shown in Table 10-1 is the basis for the data presented in this section. Data for the marked columns in Table 10-3 were used to generate the graphs in Figure 10-7 (Alef and Bet versus year) and Figure 10-8 (shekels and half shekels versus year). The last column in Table 10-3 provides supplementary data for Figure 10-4, which can be reproduced from the data in Table 10-2. The sources for the coins are listed in Section 10.10. These sources continued through 2004 (CE) and do not consider the shekels or half shekels that have been discovered later. The photographic sections of DCA-Tyre show coins struck in several years that were not represented in this table. For example, a shekel of year 191 was not reported until DCA-Tyre Release 2.

**Table 10-3.** Data points for graphs (Source: primarily museums)

|           | Figure 10-7 |     | Figure 10-8 |              |
|-----------|-------------|-----|-------------|--------------|
| Tyre Year | Alef        | Bet | Shekels     | Half Shekels |
| All years | 498         | 969 | 1,502       | 312          |
| 1         | 0           | 0   | 4           | 3            |
| 2         | 1           | 4   | 6           | 1            |
| 3         | 2           | 4   | 7           | 0            |
| 4         | 0           | 9   | 13          | 2            |
| 5         | 3           | 4   | 6           | 1            |
| 6         | 0           | 8   | 8           | 1            |
| 7         | 6           | 1   | 6           | 1            |
| 8         | 0           | 5   | 4           | 1            |
| 9         | 0           | 8   | 7           | 1            |
| 10        | 1           | 8   | 10          | 0            |
| 11        | 2           | 5   | 5           | 2            |
| 12        | 1           | 2   | 2           | 1            |
| 13        | 1           | 4   | 6           | 0            |

**Table 10-3.** Data points for graphs (Source: primarily museums)

|           | Figure 10-7 |     | Figure 10-8 |              |
|-----------|-------------|-----|-------------|--------------|
| Tyre Year | Alef        | Bet | Shekels     | Half Shekels |
| 14        | 1           | 3   | 5           | 0            |
| 15        | 0           | 1   | 2           | 0            |
| 16        | 0           | 3   | 3           | 1            |
| 17        | 0           | 2   | 2           | 0            |
| 18        | 0           | 3   | 3           | 0            |
| 19        | 1           | 9   | 10          | 0            |
| 20        | 4           | 9   | 15          | 0            |
| 21        | 2           | 7   | 8           | 1            |
| 22        | 1           | 2   | 3           | 0            |
| 23        | 1           | 2   | 3           | 0            |
| 24        | 6           | 6   | 11          | 2            |
| 25        | 3           | 1   | 4           | 0            |
| 26        | 0           | 1   | 1           | 0            |
| 27        | 4           | 1   | 6           | 0            |
| 28        | 2           | 3   | 5           | 0            |
| 29        | 3           | 11  | 14          | 0            |
| 30        | 0           | 8   | 7           | 1            |
| 31        | 3           | 7   | 10          | 0            |
| 32        | 1           | 7   | 8           | 1            |
| 33        | 2           | 4   | 5           | 1            |
| 34        | 0           | 2   | 2           | 0            |
| 35        | 2           | 5   | 3           | 4            |
| 36        | 1           | 2   | 0           | 3            |
| 37        | 3           | 3   | 6           | 0            |
| 38        | 4           | 5   | 9           | 0            |
| 39        | 0           | 1   | 1           | 0            |
| 40        | 2           | 3   | 4           | 3            |
| 41        | 5           | 2   | 4           | 3            |
| 42        | 0           | 1   | 1           | 0            |
| 43        | 0           | 2   | 2           | 0            |
| 44        | 0           | 0   | 0           | 0            |

## Counts from Museum Collections

**Table 10-3.** Data points for graphs (Source: primarily museums)

|           | Figure 10-7 |     | Figure 10-8 |              |
|-----------|-------------|-----|-------------|--------------|
| Tyre Year | Alef        | Bet | Shekels     | Half Shekels |
| 45        | 4           | 5   | 6           | 3            |
| 46        | 0           | 2   | 2           | 1            |
| 47        | 2           | 4   | 4           | 2            |
| 48        | 3           | 2   | 4           | 2            |
| 49        | 1           | 3   | 2           | 4            |
| 50        | 1           | 6   | 5           | 4            |
| 51        | 3           | 11  | 9           | 8            |
| 52        | 1           | 2   | 2           | 1            |
| 53        | 1           | 2   | 3           | 1            |
| 54        | 0           | 1   | 0           | 1            |
| 55        | 0           | 1   | 1           | 0            |
| 56        | 0           | 0   | 1           | 0            |
| 57        | 0           | 1   | 0           | 1            |
| 58        | 0           | 2   | 2           | 0            |
| 59        | 0           | 4   | 5           | 0            |
| 60        | 0           | 3   | 3           | 0            |
| 61        | 1           | 1   | 2           | 0            |
| 62        | 1           | 0   | 2           | 0            |
| 63        | 3           | 6   | 9           | 0            |
| 64        | 4           | 4   | 9           | 0            |
| 65        | 3           | 3   | 6           | 0            |
| 66        | 1           | 1   | 3           | 0            |
| 67        | 0           | 4   | 5           | 0            |
| 68        | 1           | 1   | 2           | 0            |
| 69        | 0           | 0   | 0           | 0            |
| 70        | 1           | 2   | 3           | 0            |
| 71        | 2           | 1   | 3           | 0            |
| 72        | 2           | 1   | 3           | 0            |
| 73        | 6           | 4   | 10          | 0            |
| 74        | 1           | 0   | 1           | 0            |
| 75        | 0           | 0   | 0           | 0            |

## Dated Coins of Antiquity - Tyre

**Table 10-3.** Data points for graphs (Source: primarily museums)

|           | Figure 10-7 |     | Figure 10-8 |              |
|-----------|-------------|-----|-------------|--------------|
| Tyre Year | Alef        | Bet | Shekels     | Half Shekels |
| 76        | 0           | 0   | 0           | 0            |
| 77        | 0           | 0   | 0           | 0            |
| 78        | 0           | 0   | 0           | 0            |
| 79        | 1           | 0   | 3           | 0            |
| 80        | 0           | 2   | 3           | 0            |
| 81        | 1           | 2   | 3           | 0            |
| 82        | 0           | 0   | 0           | 0            |
| 83        | 4           | 3   | 7           | 0            |
| 84        | 0           | 1   | 1           | 0            |
| 85        | 0           | 4   | 4           | 0            |
| 86        | 0           | 2   | 2           | 0            |
| 87        | 0           | 13  | 11          | 6            |
| 88        | 2           | 2   | 4           | 2            |
| 89        | 0           | 8   | 12          | 0            |
| 90        | 0           | 0   | 0           | 0            |
| 91        | 0           | 0   | 0           | 0            |
| 92        | 3           | 5   | 10          | 0            |
| 93        | 3           | 2   | 5           | 0            |
| 94        | 2           | 2   | 8           | 0            |
| 95        | 0           | 3   | 3           | 0            |
| 96        | 8           | 10  | 24          | 2            |
| 97        | 1           | 3   | 5           | 0            |
| 98        | 1           | 0   | 4           | 0            |
| 99        | 2           | 4   | 4           | 5            |
| 100       | 0           | 7   | 3           | 12           |
| 101       | 3           | 3   | 4           | 2            |
| 102       | 0           | 9   | 10          | 1            |
| 103       | 0           | 10  | 10          | 2            |
| 104       | 0           | 3   | 4           | 0            |
| 105       | 3           | 7   | 10          | 2            |
| 106       | 9           | 16  | 21          | 6            |

**Table 10-3.** Data points for graphs (Source: primarily museums)

|           | Figure 10-7 |     | Figure 10-8 |              |
|-----------|-------------|-----|-------------|--------------|
| Tyre Year | Alef        | Bet | Shekels     | Half Shekels |
| 107       | 8           | 8   | 14          | 3            |
| 108       | 3           | 6   | 5           | 5            |
| 109       | 0           | 8   | 6           | 2            |
| 110       | 3           | 14  | 17          | 0            |
| 111       | 9           | 0   | 9           | 0            |
| 112       | 0           | 0   | 0           | 0            |
| 113       | 0           | 26  | 29          | 2            |
| 114       | 7           | 12  | 21          | 3            |
| 115       | 7           | 29  | 34          | 5            |
| 116       | 8           | 6   | 13          | 3            |
| 117       | 4           | 0   | 6           | 0            |
| 118       | 1           | 2   | 5           | 0            |
| 119       | 0           | 0   | 0           | 0            |
| 120       | 0           | 1   | 2           | 0            |
| 121       | 0           | 0   | 0           | 0            |
| 122       | 0           | 2   | 1           | 1            |
| 123       | 3           | 2   | 4           | 2            |
| 124       | 0           | 0   | 1           | 0            |
| 125       | 1           | 5   | 6           | 0            |
| 126       | 4           | 4   | 10          | 0            |
| 127       | 4           | 1   | 6           | 0            |
| 128       | 5           | 5   | 11          | 0            |
| 129       | 0           | 1   | 2           | 0            |
| 130       | 8           | 9   | 19          | 3            |
| 131       | 3           | 6   | 11          | 1            |
| 132       | 3           | 0   | 1           | 2            |
| 133       | 1           | 1   | 1           | 1            |
| 134       | 2           | 3   | 8           | 0            |
| 135       | 3           | 5   | 8           | 0            |
| 136       | 1           | 3   | 4           | 0            |
| 137       | 6           | 5   | 8           | 5            |

**Table 10-3.** Data points for graphs (Source: primarily museums)

|           | Figure 10-7 |     | Figure 10-8 |              |
|-----------|-------------|-----|-------------|--------------|
| Tyre Year | Alef        | Bet | Shekels     | Half Shekels |
| 138       | 3           | 2   | 5           | 1            |
| 139       | 0           | 1   | 1           | 0            |
| 140       | 2           | 6   | 10          | 8            |
| 141       | 1           | 4   | 4           | 2            |
| 142       | 1           | 6   | 7           | 4            |
| 143       | 6           | 14  | 19          | 3            |
| 144       | 7           | 18  | 25          | 5            |
| 145       | 11          | 26  | 48          | 5            |
| 146       | 8           | 15  | 27          | 9            |
| 147       | 1           | 4   | 7           | 0            |
| 148       | 0           | 0   | 1           | 0            |
| 149       | 0           | 0   | 2           | 1            |
| 150       | 3           | 5   | 19          | 5            |
| 151       | 1           | 5   | 6           | 2            |
| 152       | 0           | 1   | 5           | 0            |
| 153       | 0           | 1   | 6           | 0            |
| 154       | 0           | 1   | 2           | 0            |
| 155       | 0           | 2   | 12          | 0            |
| 156       | 0           | 1   | 4           | 1            |
| 157       | 2           | 0   | 4           | 0            |
| 158       | 0           | 2   | 7           | 0            |
| 159       | 12          | 15  | 27          | 5            |
| 160       | 16          | 19  | 43          | 4            |
| 161       | 15          | 28  | 41          | 4            |
| 162       | 22          | 34  | 57          | 21           |
| 163       | 12          | 9   | 26          | 8            |
| 164       | 14          | 17  | 22          | 12           |
| 165       | 14          | 8   | 18          | 11           |
| 166       | 2           | 15  | 11          | 7            |
| 167       | 2           | 0   | 1           | 2            |
| 168       | 0           | 21  | 13          | 10           |

## Counts from DCA-Tyre

**Table 10-3.** Data points for graphs (Source: primarily museums)

|           | Figure 10-7 |     | Figure 10-8 |              |
|-----------|-------------|-----|-------------|--------------|
| Tyre Year | Alef        | Bet | Shekels     | Half Shekels |
| 169       | 7           | 16  | 21          | 7            |
| 170       | 7           | 26  | 22          | 12           |
| 171       | 13          | 30  | 38          | 15           |
| 172       | 16          | 19  | 30          | 8            |
| 173       | 18          | 0   | 18          | 1            |
| 174       | 11          | 10  | 21          | 0            |
| 175       | 7           | 16  | 24          | 0            |
| 176       | 5           | 14  | 21          | 0            |
| 177       | 5           | 14  | 20          | 0            |
| 178       | 4           | 3   | 5           | 2            |
| 179       | 1           | 0   | 1           | 0            |
| 180       | 0           | 2   | 6           | 0            |
| 181       | 0           | 0   | 1           | 0            |
| 182       | 0           | 1   | 1           | 1            |
| 183       | 1           | 0   | 1           | 0            |
| 184       | 0           | 1   | 1           | 1            |
| 185       | 1           | 0   | 1           | 0            |
| 186       | 0           | 0   | 2           | 0            |
| 187       | 0           | 1   | 1           | 0            |
| 188       | 0           | 1   | 2           | 0            |
| 189       | 1           | 0   | 1           | 0            |
| 190       | 1           | 0   | 2           | 0            |
| 191       | 0           | 0   | 0           | 1            |

## 10.9 Counts from DCA-Tyre

Data for the marked columns in Figure 10-4 were used to generate the graphs in Figure 10-9 (Alef and Bet versus year) and Figure 10-10 (shekels and half shekels versus year). The sources for the coins are those listed in the

## Dated Coins of Antiquity - Tyre

photographic portion of DCA-Tyre. In several years, such as year 63, the number of monograms in the right column exceeds the total shekels and half shekels reported in DCA-Tyre. Danny Herman had counted small differences in monograms as distinct. Since the scanned photos for a certain number of these similar shekels or half shekels did not reproduce clearly in DCA-Tyre, they were omitted from DCA-Tyre and from the shekel and half shekel counts in Figure 10-4.

**Table 10-4.** Data points for graphs (Source: museums and DCA-Tyre, counts with no duplication of varieties)

|           | Figure 10-9 |     | Figure 10-10 |              | Figure 10-4 |
|-----------|-------------|-----|--------------|--------------|-------------|
| Tyre Year | Alef        | Bet | Shekels      | Half Shekels | Mono-grams  |
| All years | 277         | 449 | 681          | 200          | 586         |
| 1         | 0           | 0   | 3            | 3            | 3           |
| 2         | 1           | 2   | 2            | 2            | 3           |
| 3         | 0           | 3   | 2            | 1            | 2           |
| 4         | 1           | 3   | 3            | 2            | 2           |
| 5         | 2           | 3   | 4            | 1            | 2           |
| 6         | 0           | 4   | 2            | 2            | 2           |
| 7         | 3           | 0   | 2            | 1            | 2           |
| 8         | 0           | 3   | 2            | 1            | 2           |
| 9         | 0           | 3   | 2            | 1            | 2           |
| 10        | 3           | 2   | 5            | 0            | 4           |
| 11        | 1           | 4   | 4            | 1            | 4           |
| 12        | 0           | 2   | 2            | 0            | 2           |
| 13        | 1           | 4   | 3            | 3            | 2           |
| 14        | 1           | 3   | 3            | 1            | 2           |
| 15        | 0           | 2   | 2            | 0            | 2           |
| 16        | 0           | 3   | 2            | 1            | 2           |
| 17        | 1           | 3   | 2            | 1            | 3           |
| 18        | 1           | 2   | 3            | 0            | 3           |



**Table 10-4.** Data points for graphs (Source: museums and DCA-Tyre, counts with no duplication of varieties)

|           | Figure 10-9 |     | Figure 10-10 |              | Figure 10-4 |
|-----------|-------------|-----|--------------|--------------|-------------|
| Tyre Year | Alef        | Bet | Shekels      | Half Shekels | Mono-grams  |
| 19        | 2           | 3   | 5            | 0            | 2           |
| 20        | 2           | 4   | 6            | 1            | 2           |
| 21        | 2           | 2   | 3            | 1            | 2           |
| 22        | 4           | 2   | 5            | 1            | 3           |
| 23        | 2           | 2   | 4            | 0            | 3           |
| 24        | 6           | 3   | 7            | 2            | 4           |
| 25        | 2           | 2   | 4            | 0            | 2           |
| 26        | 0           | 2   | 2            | 0            | 1           |
| 27        | 3           | 3   | 7            | 0            | 3           |
| 28        | 2           | 5   | 7            | 0            | 4           |
| 29        | 3           | 3   | 6            | 0            | 4           |
| 30        | 2           | 3   | 5            | 1            | 2           |
| 31        | 2           | 2   | 4            | 0            | 3           |
| 32        | 2           | 2   | 3            | 1            | 1           |
| 33        | 2           | 1   | 2            | 1            | 2           |
| 34        | 0           | 2   | 2            | 1            | 1           |
| 35        | 2           | 3   | 3            | 2            | 5           |
| 36        | 3           | 2   | 2            | 4            | 2           |
| 37        | 6           | 7   | 9            | 4            | 2           |
| 38        | 2           | 3   | 4            | 1            | 2           |
| 39        | 2           | 2   | 3            | 1            | 2           |
| 40        | 5           | 5   | 5            | 6            | 5           |
| 41        | 3           | 2   | 3            | 2            | 1           |
| 42        | 1           | 3   | 5            | 0            | 3           |
| 43        | 1           | 2   | 3            | 1            | 3           |
| 44        | 0           | 1   | 0            | 1            | 0           |
| 45        | 5           | 1   | 4            | 2            | 2           |
| 46        | 1           | 2   | 1            | 2            | 1           |
| 47        | 2           | 3   | 4            | 2            | 2           |

**Table 10-4.** Data points for graphs (Source: museums and DCA-Tyre, counts with no duplication of varieties)

|           | Figure 10-9 |     | Figure 10-10 |              | Figure 10-4 |
|-----------|-------------|-----|--------------|--------------|-------------|
| Tyre Year | Alef        | Bet | Shekels      | Half Shekels | Mono-grams  |
| 48        | 3           | 3   | 4            | 4            | 4           |
| 49        | 1           | 2   | 2            | 1            | 1           |
| 50        | 2           | 4   | 4            | 2            | 3           |
| 51        | 3           | 7   | 6            | 4            | 4           |
| 52        | 0           | 2   | 2            | 1            | 2           |
| 53        | 2           | 3   | 3            | 2            | 2           |
| 54        | 0           | 3   | 3            | 0            | 2           |
| 55        | 0           | 2   | 2            | 0            | 1           |
| 56        | 0           | 0   | 0            | 0            | 0           |
| 57        | 0           | 2   | 2            | 2            | 2           |
| 58        | 0           | 2   | 2            | 0            | 2           |
| 59        | 1           | 1   | 1            | 2            | 2           |
| 60        | 0           | 3   | 3            | 0            | 2           |
| 61        | 0           | 2   | 2            | 0            | 2           |
| 62        | 0           | 0   | 2            | 0            | 2           |
| 63        | 2           | 2   | 4            | 0            | 7           |
| 64        | 3           | 5   | 8            | 0            | 5           |
| 65        | 2           | 3   | 6            | 0            | 4           |
| 66        | 4           | 1   | 5            | 0            | 4           |
| 67        | 1           | 1   | 2            | 0            | 3           |
| 68        | 0           | 2   | 3            | 0            | 2           |
| 69        | 0           | 1   | 2            | 0            | 1           |
| 70        | 3           | 3   | 5            | 0            | 3           |
| 71        | 1           | 3   | 4            | 0            | 3           |
| 72        | 2           | 2   | 4            | 0            | 2           |
| 73        | 4           | 1   | 5            | 0            | 3           |
| 74        | 1           | 0   | 1            | 0            | 1           |
| 75        | 0           | 0   | 0            | 0            | 0           |
| 76        | 0           | 0   | 0            | 0            | 0           |

## Counts from DCA-Tyre

**Table 10-4.** Data points for graphs (Source: museums and DCA-Tyre, counts with no duplication of varieties)

|           | Figure 10-9 |     | Figure 10-10 |              | Figure 10-4 |
|-----------|-------------|-----|--------------|--------------|-------------|
| Tyre Year | Alef        | Bet | Shekels      | Half Shekels | Mono-grams  |
| 77        | 0           | 0   | 0            | 0            | 0           |
| 78        | 0           | 3   | 3            | 0            | 2           |
| 79        | 2           | 1   | 3            | 0            | 2           |
| 80        | 2           | 3   | 6            | 0            | 5           |
| 81        | 1           | 2   | 4            | 0            | 3           |
| 82        | 1           | 2   | 3            | 0            | 2           |
| 83        | 2           | 3   | 5            | 0            | 4           |
| 84        | 2           | 2   | 4            | 0            | 3           |
| 85        | 1           | 1   | 4            | 0            | 3           |
| 86        | 1           | 3   | 4            | 1            | 3           |
| 87        | 0           | 8   | 6            | 2            | 6           |
| 88        | 5           | 1   | 10           | 2            | 7           |
| 89        | 0           | 5   | 6            | 1            | 5           |
| 90        | 0           | 0   | 0            | 0            | 0           |
| 91        | 0           | 0   | 0            | 0            | 0           |
| 92        | 2           | 3   | 6            | 0            | 4           |
| 93        | 0           | 2   | 3            | 0            | 3           |
| 94        | 2           | 3   | 6            | 0            | 5           |
| 95        | 1           | 0   | 1            | 0            | 2           |
| 96        | 2           | 4   | 6            | 1            | 4           |
| 97        | 0           | 3   | 4            | 0            | 5           |
| 98        | 0           | 1   | 2            | 1            | 2           |
| 99        | 0           | 3   | 4            | 2            | 6           |
| 100       | 1           | 4   | 5            | 2            | 4           |
| 101       | 1           | 4   | 3            | 2            | 6           |
| 102       | 0           | 5   | 6            | 1            | 6           |
| 103       | 1           | 7   | 8            | 1            | 6           |
| 104       | 0           | 5   | 4            | 1            | 5           |
| 105       | 3           | 3   | 5            | 2            | 6           |

## Dated Coins of Antiquity - Tyre

**Table 10-4.** Data points for graphs (Source: museums and DCA-Tyre, counts with no duplication of varieties)

|           | Figure 10-9 |     | Figure 10-10 |              | Figure 10-4 |
|-----------|-------------|-----|--------------|--------------|-------------|
| Tyre Year | Alef        | Bet | Shekels      | Half Shekels | Mono-grams  |
| 106       | 4           | 5   | 9            | 0            | 9           |
| 107       | 6           | 4   | 12           | 2            | 7           |
| 108       | 2           | 1   | 2            | 1            | 2           |
| 109       | 1           | 3   | 3            | 2            | 3           |
| 110       | 1           | 4   | 5            | 1            | 2           |
| 111       | 3           | 1   | 6            | 0            | 2           |
| 112       | 0           | 0   | 0            | 0            | 0           |
| 113       | 0           | 3   | 2            | 1            | 7           |
| 114       | 3           | 4   | 6            | 1            | 5           |
| 115       | 4           | 4   | 5            | 3            | 4           |
| 116       | 2           | 3   | 5            | 0            | 4           |
| 117       | 4           | 2   | 4            | 2            | 5           |
| 118       | 1           | 0   | 4            | 0            | 2           |
| 119       | 0           | 0   | 0            | 0            | 0           |
| 120       | 1           | 1   | 3            | 0            | 3           |
| 121       | 0           | 0   | 1            | 0            | 1           |
| 122       | 0           | 2   | 2            | 1            | 2           |
| 123       | 1           | 2   | 2            | 2            | 3           |
| 124       | 1           | 0   | 1            | 0            | 3           |
| 125       | 1           | 2   | 3            | 0            | 3           |
| 126       | 1           | 2   | 3            | 1            | 3           |
| 127       | 1           | 1   | 2            | 0            | 3           |
| 128       | 2           | 3   | 6            | 0            | 4           |
| 129       | 3           | 0   | 3            | 0            | 2           |
| 130       | 2           | 2   | 4            | 0            | 6           |
| 131       | 4           | 2   | 7            | 1            | 7           |
| 132       | 3           | 1   | 3            | 1            | 4           |
| 133       | 1           | 2   | 2            | 1            | 3           |
| 134       | 1           | 1   | 2            | 1            | 4           |

**Table 10-4.** Data points for graphs (Source: museums and DCA-Tyre, counts with no duplication of varieties)

|           | Figure 10-9 |     | Figure 10-10 |              | Figure 10-4 |
|-----------|-------------|-----|--------------|--------------|-------------|
| Tyre Year | Alef        | Bet | Shekels      | Half Shekels | Mono-grams  |
| 135       | 1           | 1   | 4            | 0            | 3           |
| 136       | 0           | 1   | 1            | 0            | 3           |
| 137       | 2           | 2   | 3            | 2            | 3           |
| 138       | 1           | 1   | 2            | 1            | 2           |
| 139       | 0           | 1   | 2            | 0            | 2           |
| 140       | 1           | 3   | 3            | 2            | 5           |
| 141       | 1           | 6   | 3            | 4            | 6           |
| 142       | 2           | 4   | 3            | 3            | 5           |
| 143       | 2           | 3   | 5            | 3            | 6           |
| 144       | 3           | 5   | 5            | 3            | 4           |
| 145       | 6           | 6   | 10           | 2            | 6           |
| 146       | 1           | 6   | 6            | 2            | 6           |
| 147       | 1           | 3   | 4            | 1            | 5           |
| 148       | 0           | 0   | 2            | 0            | 2           |
| 149       | 1           | 0   | 2            | 2            | 3           |
| 150       | 1           | 1   | 5            | 2            | 3           |
| 151       | 0           | 0   | 2            | 0            | 4           |
| 152       | 0           | 0   | 3            | 0            | 2           |
| 153       | 1           | 2   | 6            | 3            | 3           |
| 154       | 0           | 0   | 2            | 1            | 2           |
| 155       | 1           | 0   | 2            | 4            | 5           |
| 156       | 0           | 1   | 7            | 0            | 2           |
| 157       | 0           | 2   | 6            | 0            | 3           |
| 158       | 0           | 0   | 6            | 1            | 3           |
| 159       | 3           | 4   | 5            | 2            | 6           |
| 160       | 2           | 3   | 7            | 3            | 4           |
| 161       | 4           | 2   | 5            | 1            | 4           |
| 162       | 2           | 9   | 9            | 3            | 3           |
| 163       | 3           | 4   | 4            | 3            | 5           |

**Table 10-4.** Data points for graphs (Source: museums and DCA-Tyre, counts with no duplication of varieties)

|           | Figure 10-9 |     | Figure 10-10 |              | Figure 10-4 |
|-----------|-------------|-----|--------------|--------------|-------------|
| Tyre Year | Alef        | Bet | Shekels      | Half Shekels | Mono-grams  |
| 164       | 2           | 6   | 4            | 5            | 5           |
| 165       | 2           | 2   | 3            | 2            | 3           |
| 166       | 1           | 4   | 3            | 2            | 4           |
| 167       | 1           | 1   | 2            | 1            | 2           |
| 168       | 0           | 4   | 2            | 2            | 3           |
| 169       | 5           | 5   | 7            | 3            | 5           |
| 170       | 3           | 6   | 7            | 2            | 5           |
| 171       | 4           | 6   | 5            | 5            | 5           |
| 172       | 4           | 5   | 6            | 4            | 5           |
| 173       | 3           | 0   | 2            | 1            | 3           |
| 174       | 2           | 4   | 4            | 0            | 3           |
| 175       | 1           | 4   | 5            | 0            | 3           |
| 176       | 1           | 4   | 5            | 0            | 3           |
| 177       | 1           | 2   | 3            | 0            | 3           |
| 178       | 2           | 2   | 2            | 2            | 2           |
| 179       | 1           | 0   | 1            | 0            | 2           |
| 180       | 1           | 1   | 2            | 0            | 2           |
| 181       | 0           | 1   | 1            | 1            | 2           |
| 182       | 0           | 2   | 1            | 1            | 2           |
| 183       | 1           | 0   | 1            | 1            | 2           |
| 184       | 0           | 1   | 3            | 1            | 2           |
| 185       | 1           | 0   | 1            | 0            | 2           |
| 186       | 0           | 1   | 2            | 0            | 2           |
| 187       | 0           | 1   | 1            | 0            | 2           |
| 188       | 0           | 0   | 1            | 0            | 2           |
| 189       | 0           | 0   | 1            | 0            | 2           |
| 190       | 0           | 0   | 0            | 2            | 3           |
| 191       | 1           | 0   | 1            | 1            | 2           |

Counts from DCA-Tyre

Dated Coins of Antiquity - Tyre



## 10.10 Sources for the Archives

Following are the sources from which Dr. Levy and Mr. Herman obtained citations for the shekels and half shekels.

### Museum Collections, Hoards

**ANS:** American Numismatic Society, New York

**Beirut:** Beirut hoard, in the market

**Berlin Prokesh-Osten:** Staatliche Museum zu Berlin - Preußischer Kulturbesitz Münzkabinett, Prokesh-Osten collection

**Bir Zeit:** E. L. Sukenik: The Date of the *Thick Shekels*, Kedem: Studies in Jewish Archaeology 1 (1942), pp. 12-19

**Capernaum:** A.A. Spijkerman, Cafarnao. Vol III. Catalogo delle monete della città. Jerusalem 1975. 123 pp.; 6 pls.

**Cambridge (SNG Lewis):** Carradice, I.A. Sylloge Nummorum Graecorum, Great Britain VI, Corpus Christi College Cambridge, The Lewis Collection II: The Greek Imperial Coins. (Oxford, 1992)

**Glasgow:** University of Glasgow Hunterian Museum and Art Gallery

**Hart (Blackburn Museum):** Blackburn Museum, R.E Hart collection (Lancashire, United Kingdom)

**Hecht:** Y. Meshorer, Ancient Means of Exchange, Weights and Coins, The Reuben and Edith Hecht Museum Collection, Isfiya hoard, (R.Reich, ed.), Haifa University, 1998

**IAA:** Israel Antiquities Authority holdings of Isfiye hoard

**Irbid:** H. Seyrig, Trésors du Levant anciens et nouveaux. Trésors monétaires séleucides, II - Institut français d'Archéologie de Beyrouth, Bibl. arch, et historique, t. XL IV, Paris, 1973

**Lebanon:** Lebanon hoard, 89 coins, Spinks (1980)

**London:** George F. Hill, Catalogue of Greek Coins, Phoenicia, British Museum Collection (BMC), Volume 26, 1910

**Munich:** Germanisches Nationalmuseum, Munich, Germany

**Ophel:** G.F. Hill, QDAP 6, 1937 (Ophel hoard)

**Paris:** Ernest Babylon, **Catalogue Des Monnaies Grecques De La Bibliotheque Nationale. Les Perses Achemenides, Les Satrapes Et Les Dynastes Tributaires De Leur Empire Cypre & Phenicie**, Paris, 1893 (Cited as reference Paris)

**Princeton:** Princeton University Firestone Library, Princeton NJ

**Q:** M. Sharabani, Monnaies de Qumran au Musée Rockefeller de Jérusalem, Revue Biblique 87 (1980), pp. 274-284, pls. III-IV (Cited as Q for Qumran hoard)

**Sarnakounk:** Mushegyan (Sarnakounk hoard)

**Silwan:** A. Reifenberg, Quarterly of the Department of Antiquities of Palestine (QDAP) Volume 11, 1945 (Ophel hoard)

**Smithsonian:** Smithsonian Institution (Washington, DC), Museum

**SNG Leipzig:** SNG Sammlung der Universitätsbibliothek Leipzig (Leipzig, Germany)

**Danny Syon, Gamla, Tyre and Gamla: A Study in the Monetary Influence of Southern Phoenicia on Galilee and the Golan in the Hellenistic and Roman Periods**, Ph.D. dissertation, Hebrew University of Jerusalem, 2004 <http://www.academia.edu/357408/>

**Vienna:** Kunsthistorisches Museum, Vienna, Austria



## Sources for the Archives

**Weiser-Cotton:** W. Weiser in "Neues zum tyrischer Silbergeld...", Zeitschrift für Papyrologie und Epigraphik (ZPE), 193, 2002 (trade hoard 2002)

**Yale:** Yale University Art Gallery, New Haven, Connecticut

### Auctions and Fixed-Priced Lists

**Agora:** Agora Numismatics (1970s), Auction

**Amphora:** David Hendin (New York), fixed-priced coin lists

**B. Murphy:** Barry Murphy (Pennsylvania), fixed-priced coin lists

**Berk:** Harlan J Berk (Chicago), Auction

**Berlin Lobbecke:** Artur Lubbecke collection (Berlin, Germany), Auction

**Better Auction Co.:** Better Auction Co. (Haifa), Auction

**Cahn:** Adolph E. Cahn (Frankfurt, Germany), Auction

**Cederlind:** Tom Cederlind (Oregon), fixed-priced coin lists

**Ceresio:** Asta Ceresio (Lugano, Switzerland), Auction

**CNA:** Classical Numismatic Auctions Ltd. (Pennsylvania), Later CNG, Auction

**CNG:** Classical Numismatic Group (Pennsylvania), Auction

**Colosseum Coin Exchange:** Colosseum Coin Exchange (New Jersey), Auction

**Davisson:** Allan Davisson (Minnesota), Auction

**Empire:** Empire Coin, Dennis and Desiree Kroh (Florida), fixed-priced coin lists

**Gorny:** Dieter Gorny, Giessener Münzhandlung GmbH (Munich, Germany), Auction

**Harmon Rooke:** Harmon Rooke Auction (New York), Auction

**Helbing:** Otto Helbing, (Munich, Germany), Auction

## Dated Coins of Antiquity - Tyre

**Hirsch:** Gerhard Hirsch, (Munich, Germany), Auction

**Jerusalem Dominus Flevis:** Jerusalem Dominus Flevis, fixed-priced coin lists

**Kovacs:** Frank Kovacs (California), fixed-priced coin lists

**Kricheldorf:** H.H. Kricheldorf, (Stuttgart, Germany), Auction

**Lanz:** Numismatik Lanz (Graz, Austria; later Munich, Germany), Auction

**Lepczyk:** Joseph Lepczyk (Illinois), Auction

**Malter:** Malter Galleries (California), Auction

**Markov:** Dmitry Markov Coins & Medals (New York), Auction

**Muller Solingen:** Müller, Solingen (Solingen, Germany), Auction

**Myers/Adams:** Myers/Adams (London), Auction

**NAC:** Numismatica Ars Classica NAC AG (Zurich, Switzerland), Auction

**NFA:** Numismatic Fine Arts (California), Auction

**Oxford:** Bonham's (Oxford, England), Auction

**Rauch:** Auktionshaus H.D. Rauch GmbH (Vienna, Austria), Auction

**Reichman:** A. Reichman & Co. (Munich, Germany), Auction

**SBV:** SBV (Basel, Switzerland), Auction

**Sternberg:** Frank Sternberg AG (Zurich, Switzerland), Auction

**Superior:** Superior Galleries (California), Auction

**W. de Moltheim:** L.-W. de Moltheim (Belgium), Auction

**Wildwinds:** [www.wildwinds.com](http://www.wildwinds.com)

### Published Collections

**McAlee:** Richard McAlee (Maryland), private collection

## Dated Coins of Antiquity - Tyre

**Paris de Clercq:** Le Rider, G., & H. Seyrig. Objets de la collection Louis de Clercq. Revue numismatique. Pages 7-53, 1967-1968 (Paris)

**Reifenberg:** A. Reifenberg, Ancient Jewish Coins, 2000

### 10.11 Additional Shekels and Half Shekels, Years 79 to 190

Dr. Levy prepared an extensive listing of the shekels and half shekels from Tyre years 79 through 190. These citations included a comprehensive review of auction catalogs that, for the most part, did not appear in Mr. Herman's listing. Several of the coins from this listing have been integrated with the photo section of DCA-Tyre and are indicated with the DCA-Tyre numbers. This inventory listing by Dr. Levy represents future work to verify additional monograms and Phoenician letters by year.

#### Shekel Listing

##### 48/47 (Yr.79)

New York ANS (2 examples)  
Kricheldorf X.1978 #151  
CNA Mar.1993 #410: 13.83

##### 47/46 (Yr. 80)

Cambridge (SNG Lewis) #1115  
New Haven (Yale Univ.)  
Muller Solingen VI.1980 #207  
Berk V.1985 #136  
CNG XI.1986 #718  
Colosseum Coin Exchange VII. 1996 #76

##### 46/45 (Yr. 81)

NY ANS  
Empire no.61 #20

##### 45/44 (Yr. 82)

Munich #2  
Helbing 1928 #4090

## Additional Shekels and Half Shekels, Years 79 to 190

NFA VI 1979 #393  
Malter XI. 1997 #53

##### 44/43 (Yr. 83)

NY ANS  
Lepczyk.62, May 17, 1985 #69 (similar to Coin No. 274)  
Lepczyk.65, Jan. 31 - Feb. 1, 1986 #2108 (similar to Coin No. 274)  
Kovacs VII. 1987 #54

##### 43/42 (Yr. 84)

Lepczyk.60, Nov. 23-24, 1984 #224 (Coin No. 282)

##### 42/41 (Yr. 85)

W. de Molthein #3136: 13.50  
Berk V.1985 #135  
Berk X.1985 #119

##### 41/40 (Yr. 86)

NY ANS  
Lepczyk.50 Nov. 26-27, 1982 #1027 (similar to DCA-Tyre Coin No. 289, misread as year 83)  
Lepczyk.62, May 17, 1985 #75 (similar to Coin No. 289)

##### 40/39 (Yr. 87)

Vienna #22,300  
Berk IV.1985 #167,168  
Superior VII.1986#1422: 14.26  
Superior XII.1989#2790: 14.03

##### 39/38 (Yr.88)

Q #34:13.893; struck over 40/39  
Superior XII.1988 #2053: 14.03 (=CNG V.03)  
Berk IV.1985 #164 (BerkIII.1986 #81)  
Lepczyk.62, May 17, 1985 #70 (Coin No. 300, misread as year 89)

##### 38/37 (Yr. 89)

SNG Copenhagen #328  
SNG Leipzig #1389: 14,10

**Additional Shekels and Half Shekels, Years 79 to 190**

Berk IV 1985 #165  
Lepczyk.62, May 17, 1985 #71 (similar to DCA-Tyre Coin No. 308)

Amphora 11.1996 #182  
Amphora VII. 1996 #190  
Amphora X.1998 #180

37/36 (Yr.90)  
36/35 (Yr. 91)

**35/34 (Yr. 92)**

NY ANS (2 examples)  
Vienna  
Superior IX.1971 #438A  
Coin Galleries MBS IV.1985  
Colosseum Coin Exchange VII. 1989 #99  
Colosseum Coin Exchange VI.1990 #68  
Lepczyk.60, Nov. 23-24, 1984 #226 (similar to Coin No. 314, misread as year 95)

**34/33 (Yr. 93)**

Lepczyk.62, May 17, 1985 #73 (Coin No. 319)

**33/32 (Yr. 94)**

Vienna #22,292  
Lepczyk.62, May 17, 1985 #74 (similar to DCA-Tyre Coin No. 328)

**32/31 (Yr. 95)**

Malter V.1985 #F18

**31/30 (Yr. 96)**

NY ANS (3 examples)  
Coin Galleries Spring 1981 #266  
Malter, Fall 1983 #13  
Lepczyk.60, Nov. 23-24, 1984 #225 (similar to Coin No. 332)  
Coin Galleries MBS 11.1984 #187  
Malter VI.1986 #C154  
Malter V.1991 #131

**Dated Coins of Antiquity - Tyre**

CNG V.2002 #940: 14.07

**30/29 (Yr. 97)**

Hirsch V, 1990 #550  
CNG VI. 1992 #159

29/28 (Yr. 98)

**28/27 (Yr. 99)**

NY ANS

**27/26 (Yr. 100)**

Superior VII. 1986 #1421: 14.01

**26/25 (Yr. 101)**

New Haven, Yale (1 example)

25/24 (Yr. 102)

24/23 (Yr. 103)

**23/22 (Yr. 104)**

Colosseum Coin Exchange 11.1989 #91

**22/21 (Yr. 105)**

Oxford #1494: 14.00

21/20 (Yr. 106)

**20/19 (Yr. 107)**

New York ANS  
Paris 2089A  
Princeton #1991-43: 13.49  
Princeton #1991-44: 13.33vQ #103: 14.114  
Superior V 90, #6906: 13.92  
Colosseum Coin Exchange 11.1989 #91  
Colosseum Coin Exchange 11.1989 #91

## Dated Coins of Antiquity - Tyre

### 19/18 (Yr. 108)

Coin Galleries MBS XI. 1975 #2064  
Malter, Fall' 83 #14:13.96  
Berk IX. 1999 #249

### 18/17 (Yr. 109)

NY ANS (2 examples)  
Princeton #1991-45:13.71  
Amphora no.82,2003 #175

### 17/16 (Yr. 110)

NY ANS  
Princeton #1991-42: 13.83  
Q. #110: 14.180  
Coin Galleries MBS VIII.-1985 #163, IV.1991 #152  
CNG III. 1997 no.707  
Amphora VIII. 1999 #189

16/15 (Yr. 111)  
15/14 (Yr. 112)<sup>1</sup>

### 14/13 (Yr. 113)

Berlin Lobbecke: 13.64  
CNG XII.95 #2151:13.65

### 13/12 (Yr. 114)

New York ANS  
Paris DeClercq #398: 13.22  
Ceresio IX.1987 #161  
CNG VII. 1989 #126  
Empire no. 56,1991 #49

### 12/11 (Yr. 115)

Berlin Prokesch: 13.95  
Glasgow #4  
Glasgow #10  
Leipzig 1390 (or yr.11/10?)

---

1. Dr. Levy's original source reported these shekels for year 112 in error. See [Section 2.105](#).

## Additional Shekels and Half Shekels, Years 79 to 190

New York ANS

### 11/10 (Yr. 116)

London #194: 13.99  
Paris 2097  
Q #144: 14.267  
Q #145: 13.637  
CNA V.1989 #126: 14.15

### 10/9 (Yr. 117)

Copenhagen #6093  
New York ANS  
Oxford #1496: 13.93

### 9/8 (Yr. 118)

CNG 111.1995 #399:13.95

8/7 (Yr. 119)  
7/6 (Yr. 120)

### 6/5 (Yr. 121)

Lebanon: 13.92

5/4 (Yr.122)

### 4/3 (Yr. 123)

Colosseum Coin Exchange XI. 1989 #116

### 3/2 (Yr. 124)

Berk XI.2000#262:14.28

### 2/1 (Yr.125)

CNG XII.2000 #298: 14.29  
CNG Summer 2001 #64: 14.26

### 1/1 (Yr. 126)

New York ANS  
Spartan XI. 1999 #68

**Additional Shekels and Half Shekels, Years 79 to 190**

CNG IX.2001#711: 14.21

**1/2 (Yr.127)**

Hart (Blackburn Museum) #1101: 14.00

Princeton 1991-46: 13.75 (Lebanon)

2/3 (Yr. 128)

**3/4 (Yr. 129)**

Berlin: 13.69

**4/5 (Yr. 130)**

Munich #4a

Coin Galleries XII.2000 #232

CNG V.2002 #541: 14.20

**5/6 (Yr. 131)**

Berk XI.2000 #263: 14.23

Berk XI.2000 #264: 14.13

CNG XII.2000 #299: 14.20

6/7 (Yr. 132)

**7/8 (Yr. 133)**

Agora V.1974 #40

**8/9 (Yr. 134)**

CNG V.03 #705: 14.24

**9/10 (Yr. 135)**

Glasgow #5

Coin Galleries V.1989 #121: 14.162

Amphora no.60, 1996 #191

CNG XII.2000 #300: 14.34

Berk VIII/IX.2001 #265

10/11 (Yr.136)

**Dated Coins of Antiquity - Tyre****11/12 (Yr. 137)**

Berk VII.2001 #233: 14.19

**12/13 (Yr. 138)**

Berk XI.2000 #266: 14.36

13/14 (Yr. 139)

14/15 (Yr. 140)

**15/16 (Yr. 141)**

Vienna

**16/17 (Yr. 142)**

NFA Journal Summer 1988 #86

**17/18 (Yr. 143)**

Reifenberg #2

Bonham's XI. 1983 #96

Coin Galleries 11.1990 #188

Superior V.1990#6907:14.08

CNG XII. 1995 2152:14.13

CNG V.2004 #703:14.25

**18/19 (Yr. 144)**

Berlin v.Rausch: 14.19

New York ANS: 14.00

Vienna 22, 301

Sotheby XI. 1969 #34: 13.2

Berk VI. 1989 #188

Berk XI. 1989 #318

Berk 1.1990 #160

Superior V.1990 #6907: 14.08

Berk VI.1991 #163

Amphora no.64,1997 #185

**19/20 (Yr. 145)**

Princeton #1994-96: 14.25; Amphora 1994

Vienna



## Dated Coins of Antiquity - Tyre

### 20/21 (Yr. 146)

NY ANS  
?Berk VI.1988 #92  
Berk 111.1989 #167

### 21/22 (Yr. 147)

Coin Galleries 11.1985 #177=Malter 111.1986 #66

### 22/23 (Yr. 148)

?Glasgow #11  
?London #202

### 23/24 (Yr.149)

?Kovacs X.2003 #194: 14.13

### 24/25 (Yr. 150)

?Berlin: 13.71  
Agora V.1974 #43, #44

25/26 (Yr. 151)

### 26/27 (Yr. 152)

?Berlin: 14.05  
?Coin Galleries XI.1981 #96 = Malter 111.1986

27/28 (Yr. 153)

28/29 (Yr. 154)

### 29/30 (Yr. 155)

Smithsonian  
Myers/Adams 111.1978 #269  
?Kovacs 1979 #78 = NFA 11.1979 #394 (nb reversed  
Kappa Rho)

30/31 (Yr. 156)

31/32 (Yr. 157)

32/33 (Yr. 158)

## Additional Shekels and Half Shekels, Years 79 to 190

### 33/34 (Yr. 159)

Berk 11.1987 #258  
Berk VI.1988 #93  
Berk 111.1989 #168  
Berk XI. 1989 #257  
Berk 11.1995 #125  
CNG XI.2000 #301: 14.24  
Amphora no.66,1998 #186  
Amphora no.69,1999 #159  
Amphora no.71,1999 #188  
Davisson IV.2000 #77  
Berk VII.2001 #234: 14.10  
CNG IV.2001 #592: 14.09  
CNG V.2003 #706: 13.10  
Amphora #83,2003 #185  
Berk XII.2003 #134  
Kovacs X.2003 #95: 13.78  
Lepczyk.56, Mar. 14-15, 1984 #658 (similar to DCA-Tyre  
Coin No. 576, misread as year 162)  
CNG V.2004 #704: 13.98

### 34/35 (Yr. 160)

Berlin Prokesch: 14.28  
Princeton #1991-4: 13.78  
Muller Solingen VI.1980 #208: 14.02

### 35/36 (Yr. 161)

Berlin: 13.95  
NY ANS  
Oxford, 94%  
Coin Galleries IV. 1969 #154  
Muller Solingen VI. 1980 #209: 13.8; 210  
Berk 11.1987 #259  
Superior V- VI.1988 #1557: 14.11  
Berk 111.1989 #169  
Coin Galleries X-XI. 1990 #217  
Coin Galleries VII. 1991 #217  
Berk 1.1993 #59: 13.47  
CNG VI.1994 #210  
CNG IX. 1995 #369  
Markov.X.2001 #174  
CNG V.2003 #707: 14.28

**Additional Shekels and Half Shekels, Years 79 to 190****36/37 (Yr.162)**

Berlin Prokesch-Osten: 13.94  
Capernaum  
New York ANS (2 examples)  
Cahn no:84, 1933 #426  
Coin Galleries VII. 1975 #730:14.08  
Lepczyk.62, May 17, 1985 #76 (monogram not clear)  
Berk XI. 1989 #319  
Malter XII. 1990 #1, 2  
Malter V.1991 #132  
Malter I.1992 #177: 13.47  
Amphora 1995 #222a  
Amphora no.59,1996 #183  
Amphora X.1997 #184  
Amphora no.66, 1998 #186  
Sternberg X.1998 #146: 14.04  
Sternberg X.98#146:14.04

**37/38 (Yr. 163)**

SNG Cop #331:13.69  
Lepczyk June 1992 #1936  
Coin Galleries VIII.1985 #378  
CNG XII. 1991 #204  
Berk I.1993 #58: 13.49  
Muller Solingen XI. 1993 #156  
Cederlind III.2004 #82

**38/39 (Yr. 164)**

Sotheby XI. 1969 #35  
Harmer Rooke III. 1974 #942  
Empire 1991 #50  
Berk XII. 1993 #189  
Hirsch IX.2004 #2046: 14.19

**39/40 (Yr. 165)**

ANS NY  
Coin Galleries VII.1975 #730  
Coin Galleries XI. 1979 #136  
Berk I.1989 #178  
Sternberg XI.1991 #185

**Dated Coins of Antiquity - Tyre****41/42 (Yr.167)**

Gamla #18632; halved piece; ancient forgery, with date backwards

**42/43 (Yr. 168)**

Schesinger 1935 xHermitage #1303  
Agora V.1974 #45  
Amphora no.59,1995 #223  
CNG IX.2002 #860: 14.20

**43/44 (Yr. 169)**

Malter I.1992 #178: 13.47  
CNG IX.1996 #725  
Berk 111.1999 #229  
CNG 111.2001 #594: 14.16

**44/45 (Yr. 170)**

Gamla #21890: 13.97  
NY ANS  
Paris DeClercq: #399: 14.34  
Better Auction Co. (Haifa), VII. 1962  
Agora V.1974 #47  
Myers-Adams XII. 1974  
Berk IV. 1987 #154  
Berk 11.1988 #106  
Berk VI. 1989 #187  
Hirsch 11.1990 #531  
CNG V.2003 #708: 14.11

**45/46 (Yr. 171)**

NY ANS  
Princeton #1992-11: 13.77  
Harmer Rooke XII. 1974  
Coin Galleries XI. 1975 #2065: 14.12  
Lanz IV.1983 #390  
Sternberg no.13, 1983 #268  
Berk IV.1985 #170  
Coin Galleries V.1988 #154  
CNG 11.1989 #181  
NAC 11.1991 #1531: 14.27  
Coin Galleries 11.1995 #295: 14.25 = Phillips VU981 #123

## Dated Coins of Antiquity - Tyre

Malter 11.1997 #54  
Amphora 11.1998 #239  
CNG VI. 1999 #940A: 14.31

### 46/47 (Yr. 172)

New York ANS: 13.84  
MMAG VIII.1973 #14  
Berk VIII. 1991 #174  
Lanz XI.1991 #387  
Hirsch V.1995 #562 = IX.1997 #523: 13.90  
Colosseum Coin Exchange VII. 1998 #81  
CNG 111.2001 #595: 14.10  
Berk VII.2001 #235: 14.22

### 47/48 (Yr. 173)

Spink XII. 1935 no. 47238  
Empire no.74, 1995 #68  
Superior VI. 1998 no.6516: 14.16  
Malter IV.2000 no.157  
CNG V.2004 #706: 14.03

### 48/49 (Yr.174)

Berlin Lobbecke: 14.12  
Coin Galleries IV.75 #292: 14.19  
NAC 11.1991 #1531: 14.27  
Amphora no.71,1999 #187  
Princeton #2002-48:14.17 x CNG 1.2002 #1517  
CNG V.2004 #707: 14.12

### 49/50 (Yr. 175)

Princeton #1992-12: 14.25, xLeu  
Princeton #1992-13: 14.18, xLeu  
Princeton #2002-49 = CNG 1.2002 #1517, 1517b  
Reichman XII. 1924 #775 (Berlin duplicate)  
Berk XII. 1986 #324  
Empire no.74, 1995 #68a  
CNG 111.1995 #400  
CCE 111.1999  
CNG 1.2002 #1517b

## Additional Shekels and Half Shekels, Years 79 to 190

### 50/51 (Yr. 176)

Berlin: 14.105  
Glasgow #8  
Sternberg no. 14, 1984, #172  
Berk 111.1989 #170  
Sternberg XI. 1994 #197: 14.00  
Superior VI.1998 no.6517: 14.01  
Colosseum Coin Exchange XI. 1996 no. 70=XI.1994  
Colosseum Coin Exchange 111.1999 #79  
Davisson V.2003 #66: 14.00  
CNG V.2003 #709, 710: 13.10, 13.67  
Amphora no.83, 2003, #184  
Berk V.2004 #205: 14.14

### 51/52 (Yr. 177)

NY ANS  
Oxford  
Princeton #1993-49: 8.95 (broken)  
Kovacs VII. 1979 #77  
Coin Galleries 11.1986  
Berk 111.1995 (1)  
Berk VIII. 1995 #186  
Malter XI. 1996 #359  
(for modern forgery of this year, see BoC 21,1996, p.26, 4a-b)

### 52/53 (Yr. 178)

Glasgow #13  
Jerusalem Dominus Flevit: 8M 42 (1961)  
Oxford, 94.50%  
Q: R. DeVaux, Rev.Bib. 63 (1956)  
CNG IX. 1994 #437

### 53/54 (Yr. 179)

Bir Zeit 37: 13.93  
Hirsch IX. 1993 #643

### 54/55 (Yr. 180)

Berlin: 13.24

**55/56 (Yr. 181)**

Agora V.1974 #50

**56/57 (Yr. 182)**

Seaby no.825, 1985, #B188

57/58 (Yr.183)

**58/59 (Yr. 184)**

NY ANS: 14.12

**59/60 (Yr. 185)**

McAlee collection, xStemberg XI. 1994 #198

60/61 (Yr. 186)

**61/62 (Yr. 187)**

B. Murphy (in trade 1999)

62/63 (Yr. 188)

63/64 (Yr. 189)

**64/65 (Yr.190)**Cohen collection, x Vecchi XII. 1999 #381<sup>2</sup>  
Princeton #1993-70: 13.75

65/66 (Yr. 191)

**Not datable:** Dr. Levy wrote: Meshorer's "barbarian" pieces, which he has occasionally pronounced to be post-54 CE, i.e., after the closing of the Carmel hoard, I believe most were issued in the 20s and early 30s CE

Princeton #1992-49: 14.35

Hirsch 11.1998#198: 14.16

**Half Shekel Listing****41/40 (Yr. 86)**

Pegasi IX. 1995 #179 (1/2)

**40/39 (Yr. 87)**

Pegasi IX. 1995 #179 (1/2)

39/38 (Yr.88)

31/30 (Yr. 96)

28/27 (Yr.99)

26/25 (Yr. 101)

25/24 (Yr.102)

21/20 (Yr. 106)

19/18 (Yr. 108)

18/17 (Yr. 109)

**17/16 (Yr. 110)**

Berlin Prokesch-Osten: 6.72 (1/2)

**13/12 (Yr. 114)**

CNG 111.2001 #589 (1/2)

**4/3 (Yr. 123)**

Amphora 111.1997 no.235 (1/2)

**6/7 (Yr. 132)**

CNGIII.2001 #591:7.15 (1/2)

**8/9 (Yr. 134)**

Agora V.1974 #46 (1/2)

**11/12 (Yr. 137)****14/15 (Yr. 140)**

Agora V.1974 #41, 42 (1/2)

Malter Winter 1984 #14 (1/2)

<sup>2</sup> This is Coin No. 681.

## Dated Coins of Antiquity - Tyre

Sternberg X.1998 #145 (1/2)

### 16/17 (Yr. 142)

Sternberg IX. 1997 #69 (1/2)

17/18 (Yr. 143)

18/19 (Yr. 144)

### 19/20 (Yr. 145)

?London #245; date misread in catalog as 69/70 (1/2)

Princeton #1990-41: 7.65; ex-Malter 1990; plated (1/2)

### 20/21 (Yr. 146)

Hecht #671: 6.51 (1/2), Photo provided to author from Hecht Museum (Hecht inventory number 3202) showed a half shekel with year 141, similar to DCA-Tyre Coin No. 847

24/25 (Yr. 150)

25/26 (Yr. 151)

### 29/30 (Yr. 155)

Coin Galleries FPL 11,1967 #B30: 8.75 (1/2)

Gorny X.1997 #5413 (1/2)

### 33/34 (Yr. 159)

Berlin: 5.86 (1/2)

Rauch VI.1971 #91: 7.05 (1/2)

CNG XII.2000 #302: 7.09 (1/2)

CNG IX.2003 #410: 14.24; #411: 13.94, #412 (1/2)

### 34/35 (Yr. 160)

Princeton #1992-10: 6.85 (1/2)

Coin Galleries 11.1984 #188 (1/2)

35/36 (Yr. 161)

### 36/37 (Yr.162)

Berk XI. 1987 #261 (1/2)

## Additional Shekels and Half Shekels, Years 79 to 190

Berk, VI.1989#189 (1/2)

### 31/38 (Yr.163)

Superior XII.1989 #2791: 6.74 (1/2)

Hirsch 11.1990 #532: 6.84 (1/2)

CNG X.1996 #1082 (1/2)

38/39 (Yr. 164)

### 39/40 (Yr. 165)

Hecht #704: 7.06 (1/2)

### 40/41 (Yr. 166)

Hecht #705: 7.00 (1/2)

### 41/42 (Yr.167)

Coin Galleries VII.1975 #730: 8.31 (1/2)

42/43 (Yr. 168)

### 43/44 (Yr. 169)

Princeton 1965-1161: 6.32 (1/2)

### 44/45 (Yr. 170)

Malter IX.1982 #59 (1/2)

CNGXII.1995 #2156: 7.12 (1/2)

Markov X.2001 #175 (1/2)

Berk 11.2004 (1/2)

CNGV.2004#705:7.21 (1/2)

BerkV.2004#206:7.19 (1/2)

### 45/46 (Yr. 171)

CNG 111.2001 #597 (1/2)

46/47 (Yr. 172)

### 47/48 (Yr. 173)

Superior, 12-8-1995 #1563 (catalog misread as year 17)<sup>3</sup>



SBV X.1979 #279 (1/2)

**50/51 (Yr. 176)**

**(The Hecht Museum provided the author of DCA-Tyre with photos of the four half shekels below. All coins were worn or struck off-center. None had readable dates.)**

Hecht #721: 7.20 (1/2) - Hecht inventory number 3218

Hecht #722: 6.96 (1/2) - Hecht inventory number 3219

Hecht #723: 6.80 (1/2) - Hecht inventory number 3220

Hecht #724: 7.03 (1/2) - Hecht inventory number 3224

**52/53 (Yr. 178)**

Berlin: 6.77 (1/2)

**55/56 (Yr. 181)**

Princeton 1992.14: 5.92 (1/2)

**56/57 (Yr. 182)**

Berlin: 6.64 (1/2)

**57/58 (Yr.183)**

Berrol collection, x Kovacs 2002 (1/2)

**58/59 (Yr. 184)**

Superior VII. 1986 #1423: 7.09 (1/2)

**65/66 (Yr. 191)**

London #244 (1/2)

---

3. Citation added by DCA-Tyre author

## 11. APPENDIX - References

1. Donald T. Ariel, *A Survey of the Coin Finds in Jerusalem (until the end of Byzantine Period)*, Liber Annuus, Volume 32, 1982, pages 273-326, available at following Web address  
[http://www.academia.edu/4491083/Ariel\\_D.T.\\_A\\_Survey\\_of\\_the\\_Coin\\_Finds\\_in\\_Jerusalem\\_until\\_the\\_end\\_of\\_Byzantine\\_Period\\_.Liber\\_Annuus\\_32\\_1982\\_273-326](http://www.academia.edu/4491083/Ariel_D.T._A_Survey_of_the_Coin_Finds_in_Jerusalem_until_the_end_of_Byzantine_Period_.Liber_Annuus_32_1982_273-326)
2. Ernest Babylon, **Catalogue Des Monnaies Grecques De La Bibliotheque Nationale. Les Perses Achemenides, Les Satrapes Et Les Dynastes Tributaires De Leur Empire Cypre & Phenicie**, Paris, 1893 (Cited as reference Paris)
3. Andrew Burnett, Michael Amandry, Pre Pau Ripollès, **Roman Provincial Coinage, Volume I, From the Death of Caesar to the Death of Vitellius (44 B.C. - 69 A.D.), Part I: Introduction and Catalogue**, British Museum Press and Bibliotheque Nationale, 1992 (Cited as reference RPC.1)
4. Andrew Burnett, Michael Amandry, Pre Pau Ripollès, **Roman Provincial Coinage, Supplement I**, British Museum Press and Bibliotheque Nationale, 1998 (Cited as reference RPC.1s)
5. Carradice, **Cambridge (SNG Lewis)**, I.A. Sylloge Nummorum Graecorum, Great Britain VI, Corpus Christi College Cambridge, The Lewis Collection II: The Greek Imperial Coins. (Oxford, 1992)
6. Edward E. Cohen, **Dated Coins of Antiquity**, Classical Numismatic Group, Lancaster, Pennsylvania, 2011
7. Edward E. Cohen, **Dated Coins of Antiquity (DCA), Supplemental Photographs of Tyre, Release 1**, Classical Numismatic Group, Lancaster, Pennsylvania, 2014
8. Edward E. Cohen, **Israel Numismatic Research, Order of the Date Numerals on the Sheqels of Tyre**, Number 11, Israel, 2017
9. Yoav Farhi, Uri Davidovich, Yuval Gadot, Oded Lipschits, *The Ramat Rahel Hoard of Tyrian Shekels*, Israel Numismatic Journal 17, 2009-2010  
[http://archaeology.huji.ac.il/depart/classical/farhi/Farhi\\_et\\_al.Ramat\\_Rahel\\_Hoard.INJ\\_17.pdf](http://archaeology.huji.ac.il/depart/classical/farhi/Farhi_et_al.Ramat_Rahel_Hoard.INJ_17.pdf)
10. Yoav Farhi, Randall Price, *The Numismatic Finds from the Qumran Plateau, Excavations 2004-2006, and 2008 Seasons*, Dead Sea Discoveries, Volume 17, 2010, pages 210-225
11. David Hendin, **Guide To Biblical Coins**, Fifth Edition, Amphora Press, Fourth Edition, 2010
12. George F. Hill, **Catalogue of Greek Coins, Phoenicia**, BMC-26, 1910, [Cited as BMC-26 (British Museum Catalogue, Volume 26)]
13. George F. Hill, **Quarterly of the Department of Antiquities of Palestine (QDAP)** Volume 6, 1937 (*Ophel hoard*)
14. Israel Antiquities Authority (IAA) holdings of Isfiya and Qumran hoards
15. Brooks Levy, *Tyrian Shekels: The Myth of the Jerusalem Mint*, **Journal of the Society for Ancient Numismatics**, Volume XIX, No. 2, 1995, Pages 33 to 35
16. Brooks Levy, *Later Tyrian shekels: dating the "crude" issues; reading the controls*, [http://va.www.mcu.es/museos/docs/MC/ActasNumis/Later\\_Tyrian.pdf](http://va.www.mcu.es/museos/docs/MC/ActasNumis/Later_Tyrian.pdf)
17. Brooks Levy, personal notes of Dr. Brooks Levy, Princeton University (cited as Levy)
18. Kenneth Lönnqvist, *The Report of the Amman Lots of the Qumran Silver Coin Hoards, New Chronological Aspects of the Silver Coin Hoard Evidence from Khirbet Qumran at the Dead Sea*, Amman, Jordan, 2007
19. Jodi Magness, **The Archaeology of Qumran and the Dead Sea Scrolls**, W.B. Eerdmans, Grand Rapids, Michigan 2002, 249 pages, ISBN 0-802804589-4
20. Cecilia Meir, *Tyrian Sheqels and Half Sheqels With Unpublished Dates from the Isfiya Hoard in the*

- Kadman Numismatic Pavilion*, Israel Numismatic Research, 3/2008
21. Cecilia Meir, *Tyrian Sheqels from the 'Isfiya Hoard, Part Two, Kadman Numismatic Pavilion*, Israel Numismatic Research, 5/2010
  22. Cecilia Meir, *Tyrian Sheqels from the 'Isfiya Hoard, Part Three: Crude Style, Kadman Numismatic Pavilion*, Israel Numismatic Research, 7/2012
  23. Ya'akov Meshorer, **Ancient Jewish Coinage, Volume II: Herod the Great through Bar Kochbar**, Amphora Books, 1982
  24. Ya'akov Meshorer, **Ancient Means of Exchange, Weights and Coins**, The Reuben and Edith Hecht Museum Collection, Isfiya hoard, (R.Reich, ed.), Haifa University, 1998
  25. Michael Notis, Aaron Shugar, Danny Herman and Donald T. Ariel, *Chemical Composition of the Isfiya and Qumran Coin Hoards*, Archaeological Chemistry, American Chemical Society, Chapter 14, pp 258-274 (2009), ISBN 9780841274136
  26. Numismatic Guarantee Corporation (NGC), David Vagi, <http://www.ngccoin.com/>
  27. A. Reifenberg, **Quarterly of the Department of Antiquities of Palestine (QDAP) Volume 11**, 1945 (Ophel and Silwan hoards)
  28. J. Rouvier, *Numismatique des Villes de Phénicie*, Journal International d' Archeologie Numismatique Volumes 3-7, 1900 to 1904 (Volume 6 in 1903 for Tyre)
  29. H. Seyrig, **Trésors du Levant anciens et nouveaux. Trésors monétaires séleucides, II - Institut français d'Archéologie de Beyrouth, Bibl. arch, et historique, t. XL IV**, Paris, 1973 (Cited either as Beyrouth or Irbid hoard)
  30. Marcia Sharabani, *Monnaies de Qumrân au Musée Rockefeller de Jérusalem*, **Revue Biblique** 87 (1980), pages 274-284 (*Qumran hoard*)
  31. A.A. Spijkerman, Cafarnao. Vol III. Catalogo delle monete della città. Jerusalem 1975. 123 pp.; 6 pls. (cited as Capernaum)
  32. E. L. Sukenik: The Date of the *Thick Shekels*, Kedem: Studies in Jewish Archaeology 1 (1942), pp. 12-19 (Bir Zeit hoard)
  33. Danny Syon, *A Hoard of Tyrian Silver from Horbat 'Agrav, Upper Galilee*, Israel Numismatic Research, Volume 9, pages 29 to 38, 2014, ISSN 1565-8449
  34. Danny Syon, *Gamla, Tyre and Gamla: A Study in the Monetary Influence of Southern Phoenicia on Galilee and the Golan in the Hellenistic and Roman Periods*, Ph.D. dissertation, Hebrew University of Jerusalem, 2004 <http://www.academia.edu/357408/>
  35. Wolfram Weiser and Hannah M. Cotton, *Neues zum "Tyrischen Silbergeld" herodianischer und römischer Zeit*, Zeitschrift für Papyrologie und Epigraphik, Publisher Dr. Rudolf Habelt GmbH, Volume 139,(2004), pages 235 to 250

## 12. APPENDIX - Auction Companies, Coin Dealers and Academic Organizations

The catalogue cites the following companies and people in reference to coins listed in their paper catalogues or Internet websites. Each is usually designated by three or four initials.

1. AAC ArtAncient Coins, [www.vcoins.com](http://www.vcoins.com)
1. ACA, AncientCoinArt, [www.vcoins.com](http://www.vcoins.com)
2. ACSearch, <http://www.acsearch.info/>
3. ADN, Ancient Delights, Numismatics, [www.vcoins.com](http://www.vcoins.com)
4. AAL, Alsadeek Alsadouk, Lebanon
5. ANE, Ancient Numismatic Enterprise, [www.vcoins.com](http://www.vcoins.com)
6. AST, Astarte S.A., Asta Ceresio Monete E Medaglie; Lugano Switzerland, <http://www.astartesa.com/index.php>
7. ATH, Athena, Salem Alshdaifat, [www.vcoins.com](http://www.vcoins.com)
8. AUC, Auctiones S.A. or Auctiones AG, Basel
9. ATA, A. Tkalec AG, [www.coinstkalec.ch](http://www.coinstkalec.ch)
10. BAL, Baldwin's Auctions Ltd., <http://www.baldwin.co.uk/>
11. BBA, Bassam Barakat Antiquities, Jerusalem
12. BCN, Beast Coins, Numismatics, [www.vcoins.com](http://www.vcoins.com)
13. BPM, Barry P Murphy, [www.vcoins.com](http://www.vcoins.com)
14. BPN, Dr. Busso Peus Nachfolger, [www.bussopeus.de](http://www.bussopeus.de)
15. CAC, Cerberus Ancient Coins, [www.vcoins.com](http://www.vcoins.com)
16. CAL, Christies Auctions, London
17. CAY, Cayon Auctions, Madrid, Spain
18. CGB, [www.CGB.fr](http://www.CGB.fr), France
19. CNG, Classical Numismatic Group, [www.cngcoins.com](http://www.cngcoins.com)
20. CNGE, Classical Numismatic Group, electronic auction, [www.cngcoins.com](http://www.cngcoins.com)
21. DHA, David Hendin (Amphora), fixed price lists, [www.amphoracoins.com](http://www.amphoracoins.com), [www.vcoins.com](http://www.vcoins.com)
22. DMC, Dmitry Markov Coins & Medals, [www.vcoins.com](http://www.vcoins.com)
23. DMD, Dr. Martina Dieterle, [www.vcoins.com](http://www.vcoins.com)
24. DNW, Dix Noonan Webb, [www.dnw.co.uk/](http://www.dnw.co.uk/)
25. DVN, David Vagi, Numismatist, [www.davidvagi.com](http://www.davidvagi.com)
26. EDK, Empire, Dennis Kroh
27. EJW, Edward J Waddell, [www.coin.com](http://www.coin.com)
28. ELO, Edgar L Owen, [www.vcoins.com](http://www.vcoins.com)
29. EUK, Eukratides Numismatics, [www.vcoins.com](http://www.vcoins.com)
30. FAI, Failla Numismatics, [www.vcoins.com](http://www.vcoins.com)
31. FLK, Frank L. Kovacs; Corte Madera, California, [www.frankkovacs.com](http://www.frankkovacs.com)
32. FAC, Forum Ancient Coins, [www.vcoins.com](http://www.vcoins.com), Joseph Sermarini
33. FAS, Freeman and Sear, [www.freemanandsear.com](http://www.freemanandsear.com)
34. FRK, Fritz Rudolf Künker Münzenhandlung, [www.kuenker.de/](http://www.kuenker.de/)
35. FSA, Frank Sternberg AG
36. GLC, Gemini, LLC, [www.geminauction.com](http://www.geminauction.com)
37. GAM, Gorny, Gorny and Mosch, [www.gmcoinart.de/](http://www.gmcoinart.de/)
38. GCA, Guy Clark Ancient Coins, [www.vcoins.com](http://www.vcoins.com)
39. GHA, Gerhard Hirsch Auction, [www.coinhirsch.de/](http://www.coinhirsch.de/)
40. GOL, Goldberg Auction, [www.goldbergcoins.com](http://www.goldbergcoins.com)
41. GWW, Glenn W. Woods, Numismatist, [www.vcoins.com](http://www.vcoins.com)
42. HDA, Hess-Divo AG, [www.hessdivo.com/](http://www.hessdivo.com/)

## APPENDIX - Auction Companies, Coin Dealers and Academic Organizations Dated Coins of Antiquity - Tyre

43. HDR, H.D. Rauch GmbH, [www.hdrauch.com](http://www.hdrauch.com)
44. Helios, Helios Numismatik, <http://www.helios-numismatik.de/>
45. HGA, Heritage Galleries Auctions, [www.ha.com](http://www.ha.com)
46. HJB, Harlan Berk [www.hjberk.com](http://www.hjberk.com)
47. HCL, Henry Clay Lindgren
48. HLN, Hubert Lanz, Numismatik Lanz München, [www.lanz.com](http://www.lanz.com)
49. HSA, Holyland, Salem Alshdaifat, [www.vcoins.com](http://www.vcoins.com)
50. HZN, Hussam Zurqieh, Numismatist, [www.vcoins.com](http://www.vcoins.com)
51. IVL, Italo Vechhi Ltd
52. JES, Jean Elsen & Ses Fila SA, [www.elsen.be](http://www.elsen.be)
53. JJN, John Jencek, Numismatist, [www.jheauctions.com](http://www.jheauctions.com)
54. JKN, Jonathan K Kern, [www.jkerncoins.com](http://www.jkerncoins.com)
55. KDN, Kirk Davis, Numismatist, [www.vcoins.com](http://www.vcoins.com)
56. KMB, Klassische Münzen, Dr. Michael Brandt, [www.vcoins.com](http://www.vcoins.com)
57. LAS, Lavender and Sayles, [www.vcoins.com](http://www.vcoins.com)
58. LEU, Leu Numismatiks AG, [www.lhs-numismatik.com/](http://www.lhs-numismatik.com/)
59. LGA, Larry Goldberg Auctioneers, [www.goldbergcoins.com](http://www.goldbergcoins.com)
60. Levy, Dr. Brooks Levy, Princeton University, manuscript notes
61. LHS, LHS Numismatiks AG, [www.lhs-numismatik.com](http://www.lhs-numismatik.com)
62. LAV, Lodge Antiquities, [www.vcoins.com](http://www.vcoins.com)
63. M&M, M&M Numismatics Ltd, [www.vcoins.com](http://www.vcoins.com)
64. MAL, Alex Malloy
65. MDC, Monnaies de Collection
66. MRV, Mike R. Vosper, [www.vcoins.com](http://www.vcoins.com)
67. MMB, Münzen & Medaillen Basel
68. MMD, Münzen & Medaillen Deutschland
69. MRG, Münzhandlung Ritter GmbH, [www.vcoins.com](http://www.vcoins.com)
70. NAG, Numismatica Aretusa AG
71. NAC, Numismatica Ars Classica, [www.arsclassicacoins.com/](http://www.arsclassicacoins.com/)
72. NGSA, Numismatica Genevensis SA, [www.ngccoin.com/](http://www.ngccoin.com/)
73. NFA, Numismatic Fine Arts
74. NNP, Noble Numismatics PTY Ltd., [www.noble.com.au](http://www.noble.com.au)
75. OAJ, Ofek A. Coins, Jerusalem, [www.vcoins.com](http://www.vcoins.com)
76. PAL, Palladium Numismatics, David Michaels
77. PBB, Pegasi Buy or Bid, [www.pegasionline.com](http://www.pegasionline.com)
78. PCV, Pars Coins, [www.vcoins.com](http://www.vcoins.com)
79. PHV, Palmyra Heritage, [www.vcoins.com](http://www.vcoins.com)
80. PFJ, Paul-Francois Jacquier
81. PHO, Author's photo collection, source not identified
82. PSH, Perry Siegel, Herakles Numismatics, [www.vcoins.com](http://www.vcoins.com)
83. PSP, Pavlos S. Pavlou, [www.vcoins.com](http://www.vcoins.com)
84. RBC, Redemption Biblical Coin Collection, <http://biblicalcoins.weebly.com/>
85. RPA, Ponterio and Associates (Richard Ponterio), [www.bowersandmerena.com/](http://www.bowersandmerena.com/)
86. RMV, Ritter Münzhandlung, [www.vcoins.com](http://www.vcoins.com)
87. SAR, Sahrar Numismatics, [www.vcoins.com](http://www.vcoins.com)
88. SBV, Schweizerische Bankverein
89. SBP, Stack's, Bowers and Ponterio
90. SCG, Stack's Coin Galleries, [www.stacks.com/](http://www.stacks.com/)
91. SAC, Steve Album Coins, [www.stevealbum.com](http://www.stevealbum.com)

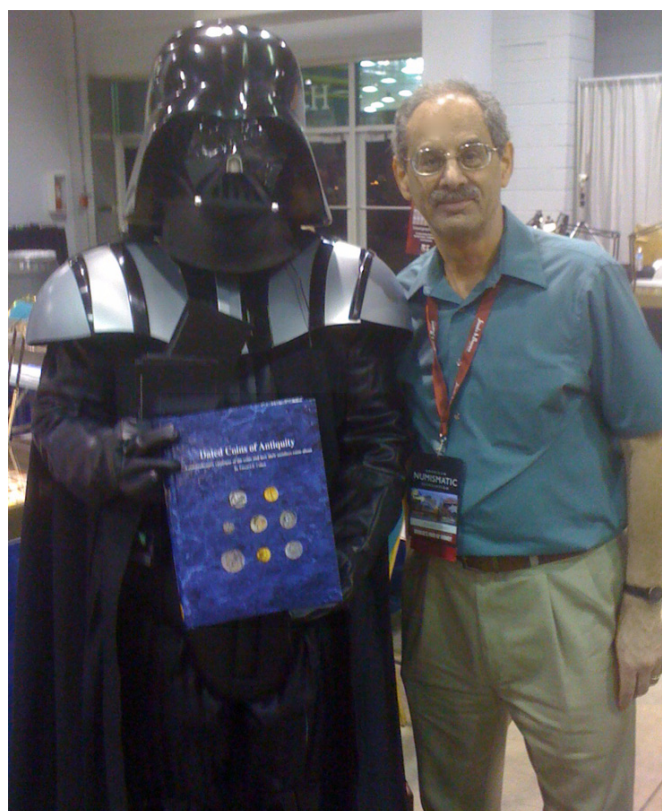


92. SJA, St. James's Auctions (Knightsbridge Coins)
93. SLR, Steve L. Rubinger (Antiqua), fixed price lists,  
[www.antiquainc.com/](http://www.antiquainc.com/)
94. SPK, Spink, London, [www.spink.com](http://www.spink.com)
95. SPA, Spink America, New York
96. SPX, Sphinx Numismatics, [www.vcoins.com](http://www.vcoins.com)
97. SUP, Superior Auctions
98. TIJ, Trioinfo Jerusalem, Abraham Madeisker,  
[www.vcoins.com](http://www.vcoins.com)
99. TVN, Tom Vossen, Numismatist, [www.vcoins.com](http://www.vcoins.com)
- 100.UBS, UBS Gold & Numismatica
- 101.VAuctions, [www.vauctions.com](http://www.vauctions.com)
- 102.WAG, Westfälische Auktionsgesellschaft, Heinz-  
Günther Hild, [www.wag-auktionen.de](http://www.wag-auktionen.de)
- 103.WAL, Wallin Utveckling AB, Ingemar Wallin,  
[Info@wallinmynt.se](mailto:Info@wallinmynt.se)
- 104.WAN, Windsor Antiquities, [www.vcoins.com](http://www.vcoins.com)
- 105.WDK, Dane Kurth, [www.wildwinds.com](http://www.wildwinds.com)
- 106.WWN, William Warden, Numismatics
- 107.ZJV, Zuzim Judea, [www.vcoins.com](http://www.vcoins.com)



### 13. ABOUT THE AUTHOR

Edward Cohen worked most of his career designing telecommunications networks. For leisure, Ed has pursued a lifelong interest in the history of numbers, including those used to express dates on coins. He has collected one dated coin per year since the first one struck in Zankle, Sicily, 494/493 BC. Ed described the evolution of this and other early-dated coins in the March 2015 *Numismatist*, *The First Dated Coins*. After pursuing his "Millennium Collection" for more than 30 years, Ed published in 2011 **Dated Coins of Antiquity (DCA)**, a substantially complete catalogue of the 6000+ different dated coins struck primarily before the lifetime of Jesus Christ. Ed expanded on one of DCA's more popular sections with his 2014 publication of **DCA-Tyre, Release 1**, followed by **DCA-Tyre Release 2** in 2017. This year Ed combined several of his interests and published in *Israel Numismatic Research*, Volume 11, *Order of the Date Numerals on the Sheqels of Tyre*. His article confirmed the current consensus that Tyre struck all the shekels and half shekels naming the mint.



Ed Cohen with an ardent fan Darth holding **Dated Coins of Antiquity** at the American Numismatic Association Convention, Chicago, 2011







# Dated Coins of Antiquity

## A comprehensive catalogue of the coins and how their numbers came about

Dated Coins of Antiquity (DCA) is a substantially complete catalogue of dated coins struck before the lifetime of Jesus Christ. Where a coin series such as the Biblical shekel of Tyre shown below crosses the millennium divide of 1 BC/1 AD, the catalogue continues to its last dated coin in the AD era. The coins of antiquity used various kinds of numbers and more than 50 calendar systems for dating that have no familiarity to most modern readers. The dates and their numerals on the coins serve as historical markers for early advances in recording time. As a practicing mathematician, the author explores how the Greeks, Romans, Phoenicians, Nabataeans and Jews struggled to understand their own numbers as well as those of their competitors or conquerors. Especially the Greeks and Romans across Europe, Asia and Africa experimented with their numbers. Their calendars and notations for numbers varied among cities and even over time in the same city. As expected, they sometimes made mistakes when switching to different kinds of numbers.



Starting with the first dated coin struck by Zankle, Sicily in 494/493 BC, this book lists all coins displaying annual or monthly dates expressed in numbers or words. Nearly 100 issuing states or authorities are represented. The catalogue describes more than 900 type coins struck in gold, silver and bronze, exceeding 6,000 different dated coins, dozens of which are cited in no other catalogue. It corrects the misreading of numerals in dates from earlier references on Ptolemaic Egypt and Alexandrian Sidon using Greek numbers, and early Tyre dated with Phoenician numbers. It also updates the BC dating of coins, such as those from Cappadocia, Cyprus, and Elymais, according to current research. Newly reported dates including photographs for the shekels and half shekels of Tyre are extensive. The catalogue and a brief history of numbers draw on nearly 400 numismatic, history and science books and journals, more than a thousand coin auction catalogues, hundreds of Internet sales sites and my own collection.



**Classical Numismatic Group, Inc.**

**Lancaster, Pennsylvania and London, England**

**Library of Congress Number 2011932604**

**ISBN 978-0-9837652-9-5**