

INDEXES

INDEX OF COIN LEGENDS

Legends cited in the text but not represented by coins in the collection are in ordinary type. Each entry should be understood as including variants and not necessarily as corresponding to that on any individual coin. Incomplete coin legends have been included only very selectively. The letter *u*, which gradually replaced the earlier Roman *v* on late medieval coins, is treated as *v* throughout. No account is normally taken of variant letter forms (*N* reversed, *N* for *M*, etc.), or of ligatured letters, or of abbreviation, punctuation or suspension marks, or of the initial cross or other symbol preceding inscriptions, or of the pellets, annulets or stars often present in the field. Mint marks and the initials and marks of mint officials have not been taken into account unless they form an integral part of the legend. Arabic coin legends have not been indexed. Some Arabic phrases, mint names and titles, however, are included in the General Index.

Ordinary type indicates pages, **bold type** catalogue entries.

- A, crowned, 474–5, 477, **1005–12, 1019, 1060–3**
 A, left of sword, 476, **1013–16**
 A COMES VRGELLI, **79–80**
 A dep ict con, 340
 A depicta via con, 340
 A REX CASTELE, 338, **522–4**
 Adefonsv, 266
 ADEFONSVS REX, 264–5, **347**
 Adivtor et protector mevs devs, 477
 Adivtorivm, 461, 463
 ADIVTORIVM (NS), **1060–2**
 ADIVTORIVM DNS QVI FED, **1043**
 ADIVTORIVM NOSTRVM IN (NOMINE), 474–8, **1003–10, 1013–14, 1016, 1019**
 ADIVTORIVM NOSTRVM (QVI), 459, **933–7, 941–51, 953–5, 981–5, 987–91, 1017**
 ADIVTORIVM NOSTRVM QVI FECIT CELVN ET TERAN, 441, 462–3, 475, **925–32, 967–80**
 ADIVTOR ME9 DEVS, **1034**
 AFONS REX, **498, 500, 502–3**
 Afonsvr, 428
 Afonsvs, 428
 AFONSVS DEI GRA REX, **510–11**
 AFOS REX, **501**
 AFOS VREX, 340, **514**
 AGNVS DEI QVI TOLIS PE(cata mvndi), 374, **618–31**
 Agremote, 91
 Agrimote, 81
 [A]GRIMON[]L, 521, **74**
 Agrimont, 81
 AIVTORIV DOA G QVI FEI, **1015, 1018**
 Al rx, 264
 AL DI GRA REX CAS, 339, **515–16**
 AL DI GRA REX LEGIO, 339, **515–16**
 ALF, in field, 287, 567, **360–2**
 ALFO CEPT CE COMT, **1031**
 ALFO CEPT CE DOMINO, **1020, 1022–3, 1025–7, 1029, 1039**
 ALFO REIS PAONVGALIA, **1015**
 Alfon dei g rex portvgalie, 475
 ALFON Q E DOMINO CEP, **1054–9**
 ALFON RES PROTVG DVCIAS, **1017**
 ALFONS REX, 338, **353, 492**
 ALFONSV REX, **873**
 Alfonsvs, 265, 427
 ALFONSVS DEI GRACIA, **762**
 Alfonsvs dei gracia r (ca), 417

- ALFONSVS DEI GRA R(EX), 147, 272, **131–3**, **205**,
209–13, **346**
 ALFONSVS DEI GRACIA REX CASTE, 425, **759**
 Alfonsvs dei gracia rex castelle, 307–8, 344
 ALFONSVS DEI GRACIA RE(X E), 404, **760–1**
 Alfonsvs dei gr(aci)a rex castelle et legio(ne), 402–3
 Alfonsvs dei gracia rex legionis, 307–8, 344
 ALFONSVS DEI GRACIE REX P, 476, **1013–14**, **1016**
 ALFONSVS D(E)I GR(ACI)A RE(X), 339, **505–9**
 ALFONSVS DI GRA REX ARAGO, **218–21**
 ALFONVS QVINTI REGIS (P), 475, **1005**, **1007–9**
 ALFONSVS QVINTI REGIS PORT(VGAL), 474, **1002**, **1004**, **1006**
 Alf(onsvs) q(vintvs) cept(a) domi(nvs), 473
 Alfonsvs qvintvs regis castel, 417
 ALFONSVS REX, 147, **207–8**, **215–17**, **223**, **504**, **874**
 ALFONSVS REX ARAGONUM, **222**
 ALFONSVS REX CA(S)T(ELLE), 340, **512–14**
 ALFONSVS REX CASTELLE ET LEGIONIS (in six lines), 300, 314,
383, **388–404**
 ALFONV, 276, **367**
 ALFOSV REX, **513–14**
 ALFOSVS DEI GRACIA REX, 129, **109–10**
 ALFOS9 DI GRA REX ARAGO, **206**
 ALFOSVS TE FOMIN, **1029**
 ALFQ, crowned, **1004**
 Alf q g r p et cept dns, 477
 ALF REX, **376–7**
 ALF REX CASTELLE, 299, 302, **405**, **407–9**
 ALF REX CASTLL, **384–7**
 ALF REX PORTVGL, 443, **884**
 ALFS REX PORT, **1060–3**
 AL GAR RB II, 441, 443, **876–86**, **923–4**
 AL REX CASTEL(L)E, **517–22**, **525–9**, **530–1**
 ALOFS REX, **493–5**
 ALONS REX, **496–7**
 AM TE, in field, 81, 91, 521, **73**
 Anf rex, 238
 ANFONS' REX, **351–2**, **354–5**
 Anfonsvs, 215–16, 425
 ANFOS REX, 239, **87–9**
 ANFVS, 216, 247, **370**
 ANFVS BA RE, 247, **339**
 ANFVS RE, 246, **340**
 ANFVS REX, 226, 230, 242–3, 247, 276, 278, 283, 285, **51–2**,
322–6, **335**, **342**, **363–6**, **369–75**, **378–82**
 Anfv Ric, 238
 Anfv San, 99
 Anfv S rex, for Alfonsvs Sancii, 227, 240
 ANFVS SANS REX, **53**
 Anvos rex, 246
 A P, in field, **1017–19**
 Ap(ostol)ji S(an)c(t)i Iacobi, 266
 Apreende arma in adivtorivm, 137
 ARAG ET MAIORIC, **164–5**
 ARA GON, 101–4, 122, 124, 130, 136, 533, 566, **44–52**, **87–9**,
95, **106–8**, **125–30**, **167–9**
 ARAGO REX A(L), **201**, **204**
 ARAGO REX ALF, **239**
 ARAGO REX ENR, **240**
 ARAGO REX I O, **170**
 ARAGO REX M(R), **172–3**, **224–5**
 ARAGO REX MAR, **202–3**
 ARAGO REX P, **134–42**
 Aragon, 68, 98–9, 101
 ARAGON [], **259**
 ARAGONENSIS, 102–4, 539, **53**
 Aragones, 227, 230
 ARAGONV' ET MA(IOR), **212–13**, **236**
 ARAGONVM COMES BARCH, **243**
 ARAGONVM ET CASTEL, **267–8**
 ARAGONVM ET MAIOR(IC), **229–34**
 ARAGONVM ET MAIORICARVM, 135–6, 147, **157**, **160–2**, **166**,
177–9, **199**, **209–11**
 ARAGONVM VAL(lencie), 156, **269–70**
 Aragoxes, 143
 AVERTENTVR RETRORSVM ET CONFVMDANTVR COGITANTES
 MICH I MALA, 475, **1011–12**
 Avila civis, 280, 523
 Avsona, 82
 AVXILIVM MEVN A DOMINO QVI FECIT CELVN E TERAN, 449, **887**
 Ba rc hi no, 128
 BAQINONA, **122–4**, **150–5**, **253**
 Barcan, 75
 BARCANONA, **250–1**
 Barcina ci(vitas), 76
 BARCHINO, 77, **57–61**
 Barcinon, 77
 Barcinona, 70, 77
 BAR[]NA, **54**
 BARQINO, **82–6**, **96–102**
 BARQINONA, 122, **90–4**
 BARQVINONA, **116–21**
 Beati Antonn, 228, 231–2
 Beati Iacobi, 223
 Beatricis dei g regina castelle ed por, 455
 BELLPVG, **275**
 B(e)r n(a)r d(v)s co(mes), 87
 Berengarivs comes, 76
 B(isi)ld(un)o, 87
 Bisildvno, 87
 Bolska, 92
 C v ale n:e tdi, 340
 CA ST EL LE, 304, **429–39**
 Caput spanie, 241
 Cardona, 83, 527
 CAST LEGIO ARAGO SICI GRANAT, **826**

- CASTE ET LEGIONIS, **500–3**
 CASTELA, **369–75, 378**
 CASTELE E(T) LEGIONIS, 338–9, **492–6, 498, 510–11, 572–3, 579, 582**
 CASTELE LEGIO(NIS), **497, 499, 502, 504, 506–9, 575, 639**
 Castella, 230, 247
 CASTELLE ARA CO(MES) B(A), **244–6**
 CASTELLE E L, **555**
 CASTELLE E LEGIONIS, **459, 632–3**
 CASTELLE LEGIONIS, 314, 316, **440–52, 453–8, 460–3**
 Castelle legionis et toleti, 318
 CATA MVNDI MISERERE N(obis), continuing Agnus dei qui tolis pe-, 374, **618–31**
 Cept domiq, 478
 CI ET VLRA DNS GNE, **1085**
 CI ET VLT DOMINVS GVINEE, **1068–9**
 CI ET VLTRA D R P ET A, **1085**
 CI VI RE X, **82–6**
 CIANONARRIB (for BARCINONA), **252**
 CITRA ET VL DOMINVS GVINEE, **1089**
 CIVITAS BA(R)CH'NONA, 128–9, **109–15, 131–3, 143–9, 174–5, 198, 205, 241, 247–9**
 CIVIT(A)S GERVND, 150–1, 532, 572, **279**
 Civitas Gervnda, 85
 CO NT (in field), **64–8**
 Colim, 214
 COMES EBOICEN, **295–6**
 COMES EMPR, **72**
 Comes pallaresivs, 95
 [COME]S ROCILI, 572, **227–8**
 COMES ROSIL ET CERITANIE, **196**
 COMES ROSILIONIS ET, **254–5**
 COMES VRGELLI, **77**
 COMES VRGELLI ET VI, 484, **81**
 COMS BARCH'NONA ROCIL, **206**
 Criste salva nos crvs, 468
 Crvcen, 80, 86, 567
 CRVZATVS ALFONSI QVINTI REGIS P, 478, **1002–3**
- D G REX ET REGINA CAST LE, **816**
 D GRACIA REX CASTE, **574**
 D REX PORTVGL, 441, **876–83**
 de Clarcncia, 170
 DE NAVARIE, **290–2**
 DE NAVARRA, **293, 297**
 DE NAVARRE, **289**
 DE TARAGONA, **285**
 DEI [R]EX ET REGIN, **852**
 DEI G REX PORTVGAL, **986**
 DE I ADIVTOR MEV ITENDE, **242**
 Devs iudicvm tvvm, 377
 Devs iudicvm tvvm regi da et ivsticiam t, 377
 DI GA NAVA[RRE REX], **296**
 Dionisii Regis Portvgalie et Algarbi, 441
- DNS M AIVTOR N TIMEBO G EAC MICHI HOMO, **294**
 Domine Edvardvs rex po, 468
 Dominvs Alfon q rex portvgal, 477
 DOMINVS CEPTA, **1038**
 DOMINVS CEVTA, **1040**
 Dominvs gvinee, 480
 DOMINVS MICHI A(D)IVTOR, 356, 360, 399, 403, **542, 600–2, 615, 642, 762, 768–9**
 DOMINVS MICHI ADIVTOR E(T EGO), 404, 447, **761, 890**
 Dominvs michi adivtor ego dispiciam inimicvs dominvs mic, 455
 DOMINVS MICHI ADIVTOR ET EGO DISPICIAM INIMICOS MEOS, 348, 356, 365, 447, **534–6, 537–41, 550–2, 594–9, 610–14, 641, 888, 892**
 DOMINVS MICHI ADIVTOR ET NON T, **759**
 DOMINVS MICHI DIVTOR NO, **767**
 D(omi)n(vs) murcia, 131, 321, 521
 D(omi)n(u)s p(ro)tector mevs n adivto(r), 138, 143
 Dominvs Iohanes dei gracia rx castelle legion, 389
 Domnvs Iohanes dei gracia rex castelle leg, 389
 Domnvs Iohanes dei gracia rex castelle legionis (e), 389
- E, crowned, 468, **994, 1001**
 E, in field, 467
 E n r i, in quarters of cross, 361
 E REX CASTE, 332, **491**
 E rex legio, 332
 ECCE AGNVS, **283–4**
 ED, crowned, 467, **994–9**
 EDVARD[VS]DEI G REX PO[], **994**
 EDVARDVS REX POR(TV), 467, **995–9**
 EL OI IS EI (for LEGIONIS), **430**
 Elisabet d g regina Castelle, 411
 EMANVEL R P ET A D, **1108**
 EMANVEL R P ET A DNS GVINEE, **1099–1100**
 EMANVEL P R P ET A D G(VINEE), **1091, 1112, 1114–15, 1118–23, 1127**
 Empvrias, 89
 EN, crowned, 356–7, 365, 382, 399, **550–3, 594–603, 641–2, 681–4**
 Enri, crowned, 357
 ENRICV, **576**
 ENRICVS, **581, 586–90**
 ENRICVS III DEI GRACIA, **724**
 ENRICVS CARTS REX CASTELLE, **681**
 ENRICVS CARTVS DEI (GRA R), **708–11, 713, 719–21, 736**
 ENRICVS CARTVS DEI GRACI(A REX), **680, 684, 689, 691–5, 699, 702, 703, 716, 722–3**
 ENRICVS CARTVS DEI GRA REX CASTE, **675**
 ENRICVS CARTVS REX CA(STELLE), **688, 700, 703, 710–11, 716**
 ENRICVS CVARTVS DEI GRA RE, **685**
 ENRICVS DEI, **758**
 ENRICVS DEI GRA REX, **241, 757**
 ENRICVS DEI GRA REX CASTE(LLE E), **728–30, 735**

- ENRICVS DEI GR(ACI)A REX LEGIONIS, 358, **559–60**
 ENRICVS DEI GRAC(IA), 357, 377, **553, 601, 647–8, 713, 740–I, 747–56**
 ENRICVS DEI GRACIA R(EX), 360, 385, **561–2, 567, 643–6, 648, 652–3, 691–5, 708, 718, 726–7, 732, 738–9**
 ENRICVS DEI GRACIA REX C, **674, 682, 731**
 ENRICVS DEI GRACIA REX CAST(ELLE), 358, 360, **556–8, 560, 595, 641, 673, 676, 697, 702, 725, 733–4**
 ENRICVS QVARTV(S), 399, **674**
 ENRICVS Q(V)ARTVS DEI GR(A), **673, 683, 700, 707, 714–15**
 ENRICVS QVARTVS DEI GRAC(I), **696, 701**
 ENRICVS Q(V)ARTVS DEI GRACIA REX (C), **672, 677, 678–9**
 ENRICVS QVARTVS DEI TARCIA, **696**
 ENRICVS QVARTVS REX, **737**
 ENRICVS QVARTVS REX C(AS), **687, 718**
 ENRICVS Q(V)ARTVS REX CASTE(LLE), **676, 697, 722**
 ENRICVS R, **577–8**
 ENRICVS REX, **555, 572–4, 581, 590, 605**
 ENRICVS REX C(A), **579–81, 583–5, 591–3, 604–6, 690**
 ENRICVS REX CAST(ELI), **577–8, 580, 597–8, 642, 649, 651, 654–5**
 ENRICVS REX CASTELLE, 356, 361, **564–6, 568–71, 600, 602, 607–9, 687, 701, 707, 719–31, 723**
 ENRICVS REX CASTELLE E(T), 359, **554, 603, 683, 688, 699, 714**
 ENRICVS REX CASTELLE E(T) L(EGIONIS), 356, 365, **550–2, 594, 596, 599, 672, 675, 677, 680–1, 684, 686, 715**
 Enricvs rex et legionis, 359
 ENRICVS REX LE(GIO), **588–9, 649–50, 654–5**
 ENRICVS REX LEGIONIS, 359, 361, **565–6, 568–71, 603, 607–9, 651**
 ENRICVS REX LEGIONIS E, **554**
 ENRICVS REX QARTVS DEI GRACIA REX LEGIONIS, **678–9**
 ENRIS REX, **575**
 EPISCOPI VICI, **62**
 Era mccciii, 277
 ERDINAD9 RX, for Ferdinandvs, **253**
 ERICVS CARTVS DEI GRA, **698**
 ERICVS DEI GRACIA RE, **698**
 Ermego, arranged l. and r. of crozier, 93
 ERMENGAVDVS, 90, 92, **77**
 [ERM]ENGO CO[MES], **74**
 ET LEGIONIS, 256–7, 297, 299, 302, 304, 322, 331, 338, **384–7, 405, 407–28, 464–5, 466–91, 522–3**
 ET LEGIONIS B, **517–22**
 ET LEGIONIS L, **524**
 ET LEGIONIS T, **528–31**
 ET LEGIONIS X, **525–7**
 ET MAIORICARVM REX, 136, **156, 158–9, 163**
 ET REGINA CAST LEGIO AR(AGO SICI), **793–800, 822–5, 857**
 F, crowned, 156, 407, 411, **321, 852–67, 888**
 F, in field, 449–50
 F, over shield, 448, **901–15**
 F A, **277**
 F D G RE, **269**
 F D G REX PORTVGALIE ALGARBI, 449–50, **887**
 F REGIS CASTELLE, 321–2, **470–1**
 F REX CASTELLE, 321–2, **464–5, 466–9, 472–89**
 F REX PORTVGALI, **923–4**
 Fer d g re, 156
 FERGINANCVS ELISA(BE), **265–6**
 Ferd dei gra Aragon Castele, 155
 FERDIN'AD9 D'I GRA REX ARAGO, **200**
 FERDINANDVS, **252**
 FERDINANDVS ARAGONV3, **257–8**
 FERDINANDVS DEI GR(ACI)A REX, **198–9, 243, 255, 262**
 FERDINANDVS DEI G R(E)X, **267–8**
 FERDINA(N)DVS D G(R) R(EX), **244–9, 254**
 FERDINAND9 DI G REX ARA CA, **264**
 FERDINANDVS ELISABET REX (CA), **260–1**
 FERDINANDVS REX ARAGONVM, **256**
 Ferdinandvs rex Portig, 447
 FERDINAN ELI, **263**
 Fernan(?), 253
 Fernand', 252
 Fernand' rex, 251–2, 256
 Fernando, 253
 Fernando rex, 210, 254
 Ferdinandvs, 156, 253, 255
 FERNANDVS D G, **279, 321**
 FERNANDVS D G R NAV, **317–20**
 Ferdinandvs d g rex Castelle, 411
 Ferdinandvs d g rex Portvg, 452
 FERNANDVS D G REX PORTVGALI (ALGARBI), 447, **889**
 Ferdinandvs d g rex Portvgali Zamore, 447
 Ferdinandvs dei gracia rex, 259
 FERNANDVS ELISASABET DEI GRA, **831, 841**
 FERNANDVS ET ELISABET DE(I GRA), **772, 776, 783–4, 790, 842**
 FERNANDVS ET ELISABET D (G), **808–11, 818, 827, 832–3**
 FERNANDVS ET ELISABET (REX), **766, 774–5, 777–82, 787–8, 797, 801–7, 812–13, 820, 824, 834–40, 845–6, 849–50, 852–3, 857, 859, 864–5**
 FERNANDVS ET ELISAB(H)ET REX ET R, **764–6**
 FERNANDVS ET ELISABETH DEI GRACIA REX ET R, **763**
 FERNANDVS ET HELISA(BET), **768–70, 794–6, 799, 815–16, 822, 828–9, 848, 856, 861**
 FERNANDVS ET HELISABET D (G R), **785–6, 789, 791, 793, 798, 800, 814, 823–4, 847, 862–3**
 FERNANDVS ET HELISABET D G REX C, **773**
 FERNANDVS ET HELISABET DEI G, **817**
 FERNANDVS ET HELISABET D G REX ET REG, **771**
 FERNANDVS 7 HELISAB7 D G, **830**
 FERNANDVS 7 HELISABET DEI G R 7 R, **826**
 FERNANDVS REX, 255, 258, 276, **367**
 FERNANDVS REX PORT(VGALI), 447, **890–1, 898–9, 901–22**
 FERNANDVS REX PORTVGALI A(LGA), **894–7, 900**
 FERNANDVS REX PORTVGALIE ZAMOR(E), 447, **888, 892**
 FERNANS ELISAB DEI GRACI, **843**

- FERNCVS ET ELISABET RE, **767**
 FERNDVS 7 ELISABE, **819**
 FERRVS REX PORTVG, **893**
 FF, crowned, 190, 193
 FF and crowns, in spaces of cross, 193
 Flo rex cha, 184
 FR, crowned, 449–50, **887**
- GAUFREDVS, **64–8**
 GERALD[VS C]OMES, **75**
 Gervnda, 70
 GIRARDVS COME, **69**
 Gervnda, 85
 G[]MUN, for Agramunt, **272**
- HEN, crowned, 399, **728–39**
 HR, crowned, 95
 HVGO COMES, 89, 70
- I EMANVEL R P ET A (D G), **1105–7, 1109–11, 1113, 1117, 1128**
 I EMANVEL R P ET A D GVINEE, **1092–8, 1101–4, 1106, 1108–11, 1125, 1127**
 I EMANVEL R PORTVGALIE AL C VL IN A D GVINE E ETHIOPIE ARABIE PERSIE INDIE E C N C, 484, **1090**
 I K, l. and r. of shield, **311**
 I K and crowns, in angles of cross, 192
 I REX LEGIONIS, 256–7, 331, **490**
 IA DEI GRA REX MAIORICAR, 169, **196**
 Iacca, 63, 101–3, 533, 566
 Iacob, on rals of James III, 169
 IACOB REX, **96–102, 116–21**
 IACOBI, 258, **343–4**
 Iacobvs, 171
 IACOBVS DEI GRA, **182–92**
 IACOBVS DEI G[RAC]IA, **197**
 IACOBVS DEI GRACIA REX, **111–15**
 IACOBVS REX, 124, 130–1, 321, **103–8, 122–30**
 Ifans f d maiori, 171
 IHA, crowned, in field, **616–17**
 IHESVS, 242–3, **332–3**
 Ihn dei gra r port, 463
 IHNS, crowned, in field, **925–63**
 Ihns d(ei) g(racia) d(efensor) regnorvn po(rtugalie) alga(rbis), 456
 IHNS DEI GR(ACI)A REX, 461, 463, **938–9, 944, 964–6, 981–5**
 IHNS DEI GRA REX PO (ET ALGARBI), 459, 462, **925–30, 933–7, 941, 943, 945–9, 951–2, 954–5, 967–75, 978–80, 992–93a**
 IHNS P G REX POR (AL), **987–91**
 IHNS PELA GRA REX POR E ALGAR, **931–2**
 IHNS REX PORTVGAL, **986**
 IHNS REX PORTVGALIE ALGARBI, **929–30**
 IK, crowned, 192, **312–16**
 IL, crowned, 147, 377
 ILDEFONS' REX, 269, **356**
- ILDEFONSI, retrograde, **357**
 ILERDENCIS, 523, 528, **226**
 Imago Sancii regis illvstris, 318
 Imperatoi, 243
 IMPERATOR, 100, 236, 243–7, **329–31, 337**
 Imperatori, 256
 IMPVRIARVM, **70–1**
 IN HOCE SVIGNO VENCI(1)S, **1099–1100**
 IN HOC SIGNO VINCES, **1090, 1092–8**
 IN NE PATRIS 7 FLIS 7 SPS SCI, 259, 272, **346**
 IN NE PTRIS 7 FILII SPS SCIA, 430, **868**
 In spania, 252, 264
 INPERATOR, 100–1, **334, 336**
 Inpvrias, 70, 531
 Io d g rex, 463
 IOAES SECVNDVS D G REGIS, **1064**
 IOANES DEI GRACIA REX ARAG(ONVM), 137, **171**
 IOANES II R P ET A D G(INE), **1080–2, 1084**
 IOANIS SECVNDO DEI G (R), **1079**
 IOANIS SECVNDVS DEI GRACA, **1064**
 IOANNES DEI GRACIA CA, **238**
 Ioannes rex aragonvm, 138
 IOHANA REGINA, 180, **293**
 IOHANES, 386, **670**
 IOHAN[ES] DI GRA[R], **310**
 IOHANES II R P ET A D G(1), **1070–8, 1083, 1086**
 IOHANES II R P ET A D GVINEE, **1065, 1067, 1083**
 IOHANES II R P ET A D GVINI, **1065**
 IOHANES II R P ET ALGARBI, **1089**
 Iohanes dei, 386
 IOHANES DEI GRA(CIA), 386, **671**
 Iohanes dei graci rei, 386
 IOHANES DEI GR(ACI)A REX, 385, **229–35, 236, 658–9, 661–67**
 IOHANES DEI GRACIA REX CASTE(LLE LE), 386, **656–7, 660, 669**
 IOHANES DEI GRACIA REX LE(GIO), **656–7**
 IOHANES DI GRA REX N, **309**
 IOHANES DI GRA REX NAVARRE 7 ARA(G), **307–8**
 IOHANES ET KATHERINA REGE[S], **313–15**
 IOHANES ET KATHERINA REGNA, **311**
 IOHANES R PORTVGALIE ALGR DNS Q3 GVINEE, 481, **1066**
 IOHANES REX, 386, **636–7**
 IOHANES REX CASTEL(LE), 385, **666**
 Iohanes rex legionis r, 385
 IOHANES SECVNDO, 480, **1068**
 Iohanes secvndvs rex castelle, 386
 IOHANIS, **634–8**
 Iohanis dei gracia, 387
 IOHANIS DEI GRACIA REX CASTELL(E), **610–14**
 IOHANIS REX, 374, **632–3**
 IOHANIS REX C(A), **639–40**
 Iohanis rex castelle, 387
 IOHANIS REX LE, **640**
 IOHANIS REX E LEG, **616–17**
 IOH[A]NS + KATHERINA REGO, **312**

- IOHN, crowned, in field, 373, 386, **610–15**
 IOHNS DEI GRACIA REX, **668**
 IPERATOR, 248, **338**
 Is pah.ie, 254
 Ispania, 251
 Ivsticiam tvam fil, 377
 Ivsticiam tvam filie regis, 377
 Ivstvm, 85
 IVSTVS VT PALMA FLOREBIT, 481, 566, **1066**
- J, crowned, in field, **309**
 J, in field, **310**
 J Z B DEI GRA REX Z RGA NAVAR(R)E, **298–303**
 J Z []RE NA, **304**
- K, crowned, in field, 175, **296, 305–6**
 K DI GA NAVARRE REX, **295**
 K K, l. and r. of shield, 193
 Karolvs, cruciform monogram, 71–2, 84
 []ARV[], for Karolvs, **54**
 KAROLVS DEI GRA, **294**
 (Karolus) K A R T V S, 171, 182, 188, **306**
 (Karolus) KARTVS D PROPRIETARIVS NAVR, 175, 182, 188, **305**
 KAROLVS REX, **297**
- L e g s, 267
 LE GI ON IS, 304, **429, 431–9**
 LEGIO CIVITAS, 265, **347**
 Legione, 245
 Legionensi(s), 228, 248, 264, 267
 LEGIONIS, 265, 268, 321, **349–50**
 Legionis p portvg, 374
 LEIOSV REX (for Alfonsvs), **512**
 LE[O], **341**
 LEO, 245, 248, **351–2, 354–5**
 Leo, below lion, 259–60, 269
 LEO CIVIAS, **332–3**
 Leo civi.iis, 233, 242–3
 LEO CIVITAS, 98, 214, 222, 225, 227–8, 231–2, 237–9, 241,
 245, 253, 255–6, 534, **322, 327, 335**
 Leon, in field, 241
 LEONI(S), 245, 266, **334–7, 353**
 LEONI(S) CIVI, 244–5, **330–1**
- M, crowned, **1103–16**
 Ma ria, 85
 Maioricae, 125, 164
 MAIORICARV3 CATOLICV3, **256–8**
 MANVEL P R P ET A D G(VINE), **1114–15, 1123–4**
 MANVELES P R P ET A D G(I)NE, **1116**
 Marsiliensis, 125
 MARTINVS DEI GRA REX, 140, **174–5**
 MARTINVS DEI GRACIA REX, **177–9**
 MARTIN9 DEI GRACIA REX ARA, **180–1**
- MINORICH'ARVM, **215–16**
 Mon son, 101–4, 537
 MONETA, 268, **349–50**
 MONETA CASTELLE, 304, 308, 315, **406, 410–15, 416–28**
 Moneta domini Alfonsi, 432
 Moneta domini Sancii, 435
 MONETA LEGIONIS, 267, 292, 308, **348**
 Monete castelle, 297, 321
- NAVARRRE, **306**
 Nav ara, 177
 Nava(r), 102–3, 177
 NAVARA, 98–101, 177, **286–7**
 Navara rex K, 183–4
 NAVARE Z ARAGONVM R, **309**
 Navarorvm, 178
 Navarra, 98, 103
 NAVARRRE, 178, **288**
 NAVARRRE ET ARAG, **310**
 NAVARRRE REX, **294**
- P DEI GRACIA ARAGONUM, **163**
 P DEI GRACIA RX, **164–5**
 P dominvs, 88, 164
 P REX PORTVGL, **885–6**
 PAS, in field w. cross above, 88, **69**
 PETR REX, 122, **90–5**
 Pet, Petr, for Petralatensis, 88
 Petrvs, 83
 Petrvs comes, 92
 PETRVS DEI GRA REX CASTELLE LEGIO, 352, **533**
 PETRVS DEI GRACIA, 349, **79–81**
 PETRVS DEI GRACIA ARAGONUM, **156, 158–9**
 PETRVS DEI GRACIA REX, 128, 135–6, **143–9, 157, 160–2, 166**
 PETRVS DEI GRACIA REX CASTELI(E E), 349–50, **532, 539**
 PETRVS DEI GRACIA REX CASTELLE E LEGIONI(S), 353, **546–7**
 PETRVS DEI GRACIA REX LEGIONIS, 349, **532**
 PETRUS DI GRA REX, **167–9**
 PETRVS REX, 104, 128, 152, **49–50, 150–5**
 Petrvs rex ara, 152
 PETRVS REX CASTELLE, **542–5, 549**
 PETRVS REX CASTELLE E LEGIONIS (E), 348, **534–8, 540–1, 548**
 PETRVS REX E LEGIONIS, **549**
 Petrvs Sancii rex, 99, 104
 PO ET ALGARBI, 461, **964–6**
 PO RT VG AL, 432, 439, **869–75**
 POCI' VGO, 89, 92, **72**
 Podia Gironis, 340
 PONCI' COMES, **76**
 Portv gal, 428
 Portvga, 428
 Portvgal, 429
 Portvgalie, 432, 463
 PORTVGLIE ET AL(GAR REX), **938–9, 956–62**

- Portvgalis, 429
 PPEFNANDO, **345**
 Pta, Ptr, for Petralatensis, 88
 PTRVS DEI GRA REX CASTELLE E LEGION, **533**
 PVGESA DE LE(1)DA, **280–3**
 Pvincie, 125
- QVOS DEVS CONIUNGIT HOMO NON SEPARET, 411, **764–6, 773**
 QVOS DEVS CONIUNXIT, **770**
- R, crowned, **1125**
 R a mv n, in quarters of cross, 85
 R Be comes, 125
 R comes pvincie, 125
 R: tolo, 546
 Raims, 75
 Raimvndvs B(e)r(en)g(arivs), 77
 RAIMVNDVS COMES, 77, 79, 567, **56**
 Ramvn, 85
 Regina, 229
 Regine defensor, 149, 538
 Regis portvgalensivm, 432
 RENAT9 P9 DEI GR'A REX ARA, **242**
 REPARACIA REX PVBLICE, **956–63**
 Res (for rex), in angles of Christogram, 241
 REX, 255, 258, 281, **343–4**
 Rex Afoso, 432
 R(ex) Alfonsvs, 276, 428
 Rex Alfos(vs), 428, 432
 Rex aragone, 118, 123
 REX ARAGONVM N S V, **238**
 REX CASTELLE (E), 216, 386, **634–5, 670**
 Rex colim, 215, 425
 Rex d Leno, 253
 Rex d Leon, 252–3
 REX DEI GRACI, **583–5, 590, 592**
 REX ET REGINA, **867**
 REX ET REGINA CAST(ELE), **774, 782, 805, 818, 821, 827, 829, 834–5, 840, 845–6, 850, 854**
 REX ET REGINA CAST I, **819–20**
 REX ET REGINA CAST L(E A), **839, 853, 856, 864**
 REX ET REGINA CAST(E) LEGIO(N ARAG), **776, 778–81, 801–3, 815, 817, 828, 836–8, 847–8, 858–9, 861, 863, 865–6**
 REX ET REGINA CASTELE LEG(IONIS), **777, 783–4, 804, 806–7, 831–3, 841–3, 851**
 REX ET REGINA CAST LEGIO AR(AGO SI G R), **785–91, 808–14**
 REX ET REGINA CASTILE REX, **775**
 REX 7 REGINA CAST LEGIO A, **830, 862**
 REX 7 REGINA CASTELE LEG, **849**
 Rex Leo, 253, 255
 REX MAIORICARUM, **182–92, 193–5, 197**
 Rex navarre et a(ragon), 193
 REX PO ET ALGARBI, **1041**
 Rex Por(tvga), 427–8
- RX PORTVGALIE AL(GAR), 478, **1050–8**
 REX PORTVGALIE ET A, **1020–9, 1031, 1039–40**
 REX SANCI, 275, **359, 872**
 Rex Sancio, 429
 Rex Sanciv, 435
 REX SANCIVS, 434–5, **869, 871**
 Rex Vraca ispa, 229
 Rmn Brg, 82
 Rodda, 70, 94, 542
 ROGERIVS, 81, 91–2, 521, **73**
 Rosci loni, cruciform, 87
 ROSILLONVS, **64–9**
- s and +, in field, **340**
 S A, l. and r. of cross, 148
 S de meya, 548
 S IOHANNES B, **134–41, 172–3, 201, 204, 239–40**
 S IOHANNES B M, **170, 203, 225**
 S IOHANNES R M, **202, 224**
 S REX CASTELL, **576**
 S V, l. and r. of bust of St Vincent, 83
 SB Antonini, 228, 231–2, 539
 Sanc in d(ei) n(omine)e, 102
 Sancii rex, 435
 Sancii, 433
 SANCII REX, 314, 316, 435, **440–63**
 SANCIVS, **870**
 SA(N)CIVS DEI GRA, **193–5**
 SANCIVS REX, 275, **44–8, 286–7, 358**
 Sancivs rex aragonensis, 103
 SANCIVS REX PORTVGALIS, 430, **868**
 San(c)ta crvx, 86–7
 S(ancti) Iacobi, 214, 222–3, 245, 258
 Sant Aorsa (for Ursula?), 340
 SANTI PETRI, **62**
 SI DNS MICHII AIVTOR NON TIM, 449, **891, 894–922**
 SI DOMINVS MICHII ADIVTOR NON TIMEBO QVID FACIAT
 (MICHII OMO), 447, 449, **889, 893**
 SIT NOMEN DOMINI BENEDICTVM, **298–303, 305, 307, 311–21**
 SIT NOMEN DOMINI BENEDICTVM X, **308**
 Socovia, 246
 SOCOVIA CI(VIS), 247, 544, **339–40**
 Socovia cv, 246–7
 Spania, 85, 251–2
 Spnania, 230
 SVB VNBRA ALARVN TVARVN PROTEGE NOS,
 410, **763, 771–2**
 Svcovia ci, 247
 Svper rex, 236, 243
- T, 85, **273, 285**
 T, between alpha and omega, 92
 T and cross, l. and r. of crozier, 93
 TE COM, for Teresa, countess, **78**

Index of coin legends

853

- TIOBALD' REX, **289–92**
 To le ta rx, in angles of cross, 281
 Tole, in field, 241, 278
 TOLETA, 275, **341–2, 358–9**
 TOLETAS, 253, 276–7, 279, 281, **345, 368**
 TOLETI, 248, **338**
 Toletó, 245
 TOLETVA, 276, **363–6**
 TOLETVM, 214, 222, 277, **325–6**
 TOLETVO, 214, 216, 222, 228, **323–4, 328, 342**
 TOLLETA, 230, 285, **379–82**
 Tor to sa ci, 546
 Tor to sa rie, 546
 Tor to sa xpx, 546
 Tremp, 547
 Tvronvs maioricar, 574

 v, below crozier, 93, **74–5**
 V ale n: et dic, 340
 VALEN MAIORI, **260**
 Valencia feliciter regnantis, 155
 VALENCIE, **103–5**
 VALENCIE MA, **263**

 VALENCIE MAIORICA, **265–6**
 VALENCIE MAIORICA SAR, **264**
 VALENCIE MAIORICARVM, 148, **217, 222, 261**
 VALENCIE MAIORICARVM SAR(D), 137, **171, 180–1, 200, 218–21, 237**
 VALENCIE MAIORICARVM SE, **262**
 VGO COMES, 89, **71**
 Vgo Poci, misreading of Ponci Hvgo, 89
 VILE PERPINIANVS, **283–4**
 Vitoria don die fecit doi alfonsvs dei racie re, 476
 Vraca ispa rex, 229
 VRGELLENSIS, **75–6**
 Vrgello d(omin)vs, 92
 VR(R)ACA RE(GI), 225–8, 232, **327–8**
 Vrraca rexa, 228

 XPS REX VE(nit in pace), 143, 147, **207**
 XPS VINCIT XPS REGNAT (XPS INPERAT), 399, 474, **724–36, 738–9, 742–58**

 Y, crowned, in field, 373–4, 411, 480, **618–31, 853–67, 1068–85**
 Y and B, crowned, in field, **301–4**

GENERAL INDEX

Ordinary type indicates pages, **bold type** catalogue entries.

The index covers mainly personal names and place-names together with exceptional denominations (e.g. *mazmudina*, *excelente*), but not such terms such as *denaro* and *gros*, save where these are explained. Personal and place-names are given in the forms and spellings used in the text, with cross-references where Latin or other forms diverge appreciably from these. Persons of the same name are placed in the customary sequence of saints, popes, emperors, sovereigns in alphabetical order of the states they ruled, and others in whatever order seems best adapted for easy reference. The names of modern scholars are only included when the reference is of a substantial character, dealing with, for example, their careers or their views on particular coins. Names in the section 'Collectors, dealers and donors' that precedes the main catalogue are only repeated here where an entry expands or clarifies a reference in the main text.

Additional abbreviations are as follows:

abp	archbishop
bp	bishop
c.	count, countess
d.	duke
dau.	daughter
emp.	emperor
fd	find
hd	hoard
k.	king
pr.	prince
q.	queen
s.	son
w.	with

Abbasids, 56, 58, 60
 Abd al-Malik, caliph of Baghdad, 57, 86
 Abd al-Rahman (I) ibn al Mu-'awiya, 58
 Abd al-Rahman III, 58–9

coinage, 59; **10**, **12**
 Abdul Abbas, 58
 Achaia, principality of, 5, 129, 162, 170–1
 Achila, k. of Visigoths, 55

- Adamuz, Cordoba, coin hd (CSH. 61), 513
 Adelaide of Provence, heiress to Forcalquier, 91
 Ademario, moneyer, 213, 223
 Ademuz, 120
 Adiça, gold production in, 435, 465
 Afonso I Enriques, k. of Portugal, 7, 18, 216–17, 235, 421–3, 425–8, 551
 coinage, 217, 426–8
 forged morabitinos of, 428
 monetary grant of, 424, 426–7, 431
 payment of tribute to papacy, 425–6
 Afonso II, k. of Portugal, 423, 431–2, 436, 443
 dinheiros, 432, 435
 gold coinage, 432, 435
 monetary grant, withdrawal of, 431
 Afonso III, k. of Portugal, 10, 17, 26, 422–4, 431, 436–40, 442–3, 551
 coinage as *procurator regni*, 433, 435; **872?**
 dinheiros novos or alfonsí, 430; **873–5**
 gold issues, 438–40
 as Infante and *procurator regni*, 432–3, 435–6
 monetary reforms and creation of dinheiro novo, 436–9
 renounces recoinages, 427, 437
 Afonso IV, k. of Portugal, 439, 442–3
 coinage, 442–3; **884**
 Afonso V, k. of Portugal, 5, 18, 53, 198, 390, 405, 415–18, 420–1, 424, 461, 466, 469–78, 480–1
 copper coinage, 467, 472–3; **1020–63**
 gold coinages, 477–8, **1002–3**
 history, 469–71
 monetary emissions, 471–2
 pretender to the throne of Castile-León, 415
 coinages, 415–17, 471–2, 475, 477
 resources, 416–17
 silver and billon coinage, 473–7; **1004–19**
 Africa, 163, 200, 303, 310, 340, 470
 Central, 62, 422
 coast, exploration of and trade along, 5, 422, 457, 466, 470, 479, 482
 North Africa, 5, 44, 51, 54–5, 57–8, 62–4, 113, 163, 196–7, 296, 306, 380, 424, 430–1, 465, 470
 part of Portuguese royal title, 470
 Ager, Lleida, fd (CI. 1), 487
 mint, 110, 157–8, 160, 521
Agnus Dei blancas, 557
 see also blancas
 Agramontès, 91, 557–8
 Agramontese, Navarrese faction, 189–90
 Agramunt, 81, 91, 94
 mint, 110, 157–8, 160, 521, 553; **73–4**, **76–81**, **271–2**
 Agramunt, Lleida, fds (CI. 2), 487, (CI.3), 487, (CI. 43), 36, 490, (CI. 91), 493, hds, (CH. 1), 495
 Agusti, Antoni, author, 576
 Aitona, mint, 110, 160, 521, 553
 Alacant, 129
 mint, 110, 321, 521–2
 Alain IV, d. of Brittany, 427
 Alarcón, 343
 Alava, 178–9, 182
 Albacete, coin fd (CSI. 38), 507, hd (CSH. 62), 513
 Albania, 110, 145
 coinage, 148
 Albarracín, *taifa* kingdom, 61, 118, 127
 Albergaria, Lopo Soares de, 484
 Albi, 5
 Albi, l', mint, 110, 160, 522
 Albret, d', dynasty, 176
 Albuquerque, chroniclers of, 484
 Alcaçovas, Treaty of, 1479, 405, 415, 470
 Alcalá de Henares, Cortes of, 1348, 334
 Alcalá de Henares, Madrid, coin fd (CSI. 45), 508
 Alcaler do Sal, 431
 Alcañices, peace of, 1297, 440
 Alcántara, conquest of, 1166, 255
 military order of, 197
 Alcàsser, Valencia, coin hd (VH. 1), 503
 Alcobaça, monastery of, 439, 443
 Alcoraz, battle of, 1096, 552
 Alcoutim, Treaty of, 1371, 367, 444, 448–9, 452
 Alentejo, conquest of, 432
 Aleppo, Syria, 87
 Alexander II, pope, 265, 426
 Alexander VI, pope, 394
 Alfáro, 329
 Alfáro, Logroño, coin fd (CSI. 46), 508
 Alfons I, k. of Catalonia-Aragon, 9, 70, 77–8, 86, 105, 112–13, 115, 117–21, 125, 144–9, 173, 178, 250, 287, 429
 coinage, 117–20, 145–9; **82–9**
 Alfons II, k. of Catalonia-Aragon, 127–30, 162, 310, 325; **109–10**
 Alfons III, k. of Catalonia-Aragon, 93–4, 132, 342, 345
 coinage, 132, **131–3**
 as c. of Urgell, 157
 as Infant, 131–2
 Alfons IV 'the Magnanimous', k. of Catalonia-Aragon, 51, 110, 113, 116, 132–3, 135, 139, 142–4, 152, 159, 161; **201–23**
 coin collector and author, 575
 Alfons, s. of Alfons I of Catalonia-Aragon, 118
 Alfons II, k. of Naples, 113
 alfonsí, alfonsí menut, 132
 Alfonso I the Battler, k. of Aragon, 69, 99, 102–5, 108, 111–13, 117, 173, 225–30, 238, 240, 246, 264, 285–6, 486
 coinage (Aragon, Navarre), 103, 286, **51–3**
 coinage (Castile), 226–8, 230–1, 285
 Alfonso, Infante, of Aragon, 296
 Alfonso I, k. of Asturias, 3

- Alfonso II, k. of Asturias, 208
 Alfonso III, k. of Asturias, 195, 421
 Alfonso VI, k. of Castile, 16, 54, 62, 91, 196, 200, 208,
 212–25, 232, 234, 238, 249, 265, 280, 421, 423, 425–6
 coinage, 212–25, 237, 424–5, **322–6**
 date of commencement of coinage, 209–12
 dinero types, 213–17
 monetary grants, 220–5, 234, 254–5, 258, 289
Territorium portugalsis, 421, 423
 transitional coinage in Toledo, 210–11
 Alfonso VII, k. of Castile-León, 100, 111–12, 197, 214, 216,
 222–3, 225, 229–31, 233–50, 257, 259, 274–5, 426, 550
 coin with busts of sons, 245, 249, 274
 coinages, 240–7, 249, 255–6, 264; **329–42**
 comparison with neighbouring coinages, 239
 coronation as emp. of *Hispania*, 1135, 197, 236, 242–3, 247
 interpretation of coinage evidence, 235–9
 marks on coins, 236–9, 244, 255, 284
 mints, 236–8
 monetary grants, 248–9, 273, 278–80
 Segovian issues, 246–7
 title on coins, 236, 240–7
 Alfonso VIII, k. of Castile, 16, 63, 121, 178, 200, 220, 230,
 232, 236–7, 245, 248–9, 253–5, 259, 261, 272, 275–90,
 292–4, 311, 431, 486, 551
 coinages, 434
 castle types, 281–2
 coinage and the Las Navas de Tolosa campaign, 283–5
 dineros burgaleses, 283–5, 292; **370–8**
 equestrian types, 278–81; **368–9**
 gold coinage and the morabito alfoncini, 63, 178,
 286–90; **360–2**
 pepiones, 285–6
 similarity with Leonese types, 254–5
 Toledo dinero with date, 277–8
 history, 275–6
 immobilised pepiones of, 230, 285, 290–2, 230; **379–82**
 minority, and coinages of, 250–3, 255, 276–7; **363–7**
 mints, mint marks and monetary grants, 279–80, 284
 Alfonso IX, k. of León, 63, 201, 221, 225, 237, 253–5,
 260–74, 290–3, 317, 429, 551
 coinages, 256, 434
 anonymous types, 267–70
 billon dineros, 1230, 263–72, 282; **347–57**
 to c. 1230, 264–8
 gold coinage, 259–60, 264, 272–3; **346**
Hispanorum rex, use of title, 265
 mint marks, 270–1, 284
 monetary developments, 260, 271
 monetary grants, 273, 294
 Alfonso X, k. of Castile-León, 10, 17, 26–7, 123, 197, 201–2,
 230, 271, 284, 286, 291–2, 294, 296–309, 315, 319,
 325, 327–9, 331–5, 341, 348, 387, 398
 anonymous dineros and fractions, 303–5; **429–39**
 billon coinage, 298–305; **384–428**
 blancos of the first and second war of Granada, 286, 298,
 300–1, 311, 313, 315, 321
 candidate for Holy Roman Emp., 302
 civil war with s. Sancho, 296, 310, 317
Código de las siete Partidas and coinage, 197, 309
 gold coinage, 307–8, 317–18, 325, 328, 343
 history, 296–7
 overview of coinages, 297–8
 silver coinages, 305–7; **383**
 Alfonso XI, k. of Castile-León, 197–8, 202, 258, 271, 297,
 305, 307–8, 310, 318–19, 326, 329, 333–45, 354,
 388, 442–3
 billon issues, 336–8; **492–531**
 coinages, general aspects of, 334–5
 cornados, 338–9, 348
 coronation, 1331, 334, 337
 dineros novenes, 338
 gold coinages, 346, 349, 359, 364
 history, 333–4
 moneyers' privileges, 346
 siege of Algeciras, 339
 Alfonso de Avila, pretender to Castile-León, 198, 203, 390–1,
 393, 401–4, 415
 billon issues, 402–3; **760–1**
 gold issues, 403–4, **759**
 monetary issues, 393–4, 398, 402
 silver issues, 403; **762**
 Alfonso de la Cerda, of Castile-León, 296, 305, 307, 309–10,
 319–21, 325–30, 332, 334
 coinages, 326–30, 335
 Alfonso Raimúndez, k. of Galicia, 226
 Algarve, 4, 422
 conquest of, 1249, 26, 422, 432, 436, 441
 Algeciras, 181, 310, 334, 522
 mint and coins, 339–40; **512–14**
 mint mark A, 340, 344
 siege and conquest of, 1342–4, 334–5, 339–40, 344
 Algeria, 55
 Alghero (L'Alguer), mint, 110, 147–8, 157, 160, 522
 Alhama de Murcia, Murcia, coin hd (CSH. 27), 40,
 306, 510
 Ali an-Nasi, 60
aliala, corruption of *aliphara*, 120
 Alicante *see* Alacant
 Aljubarrota, battle of, 1385, 369–70, 373–4, 422, 441, 445,
 454, 457, 466
 Almanzor *see* al-Mansur
 Almenar, mint, 110, 157, 160, 522, 553
 Almenara, Castelló, coin fds, (VI. 1), 501, (VI. 2)
 Almería, *taifa* kingdom, 61
 Almizra, Treaty of, 1244, 5, 296
 Almogavers, of Athens and Neopatria, 170–1
 of the Great Catalan Company, 129

- Almohads, 54–5, 63–4, 121, 163, 178, 197, 200, 275, 283, 287, 291, 293–4, 428, 431
 coinage, 63–4, 126, 163, 178, 201, 259, 294, 305–7; **38–40**
 monetary and metrological standards, 7, 16, 18, 27, 259, 295, 306, 308, 387, 409, 451
- Almoravids, 54–5, 59, 62–3, 161, 163, 200, 218–19, 287, 421
 coinage, 8, 12, 25, 62, 80–1, 163, 175, 178, 200, 259, 287, 294–5, 308, 430; **36–7**
 monetary standard, 25, 259, 272, 278, 285–6, 294–5, 308, 430
 origins, 62
- Almotaçaria, Lei de*, 436–7
- alpha, omega and cross, coin type, 427
- Alpuente, *taifa* kingdom, 61
- Alt Urgell, Lleida, coin fd (CI. 4), 487
- Alto Volta, source of gold, 479
- Alvar, c. of Urgell, 93
- Alvarez Burgos, Fernando, numismatist, 588
- Alvaro de Luna, general and royal favourite, 49, 187, 198, 382
 personal treasure of, 49, 382
- Amatrice, mint, 110, 522
- America, 5, 115, 154–5, 199, 202
 gold of, 17, 50, 155
- Anales de Garci Sánchez de Sevilla*, 370
- ancient coins, imitations of, 57
- Andalusia, 312, 444
 coin hd (CSH. 63), 513
- al-Andalus (Islamic/Moorish/Muslim Spain, Arabs, Moors),
 2, 4, 6, 54–65, 196, 202, 230, 252, 273–4, 291, 302, 332, 428; **I, 3–II, 14, 16–19, 23, 32–4**
 circulation of Andalusian coins, 2, 6–7, 12–13, 25, 31, 52, 56, 79–81, 105, 200, 305, 317, 329, 387
 coin finds, 20–53 (*passim*)
 coinage system and types, 6, 30, 57–9, 63, 307
 copper coinage, 57–9, 64–5
 foreign coin circulating in, 29–31, 73
 gold coinage, 6–7, 57–9, 61–5, 287, 380, 465
 history, 55–6, 60–2
 imitations of Andalusian coins, 2, 8, 16, 25, 32–3, 60, 62, 64, 79–80, 126–7, 306, 478
 influence, cultural and social, 1–4, 6–7, 58–9, 309
 influence, economic and numismatic, 2–4, 7–8, 47, 218–19, 307
 Latin coin inscriptions, 57
 literature, 55–6
 monetary standards, 7, 12, 16–18, 25, 27, 57–60, 63–4, 178, 294–5, 306, 405
 silver coinage, 58–61, 63–5
 trade and trade routes, 31, 45, 54, 310
 tribute, payment of, 51, 61–2, 79, 90, 117, 121, 196–7, 200, 215, 274, 278, 287, 291, 295–6, 324, 334–5, 344, 431
see also Almohads, Almoravids, Cordoba, Caliphate of, Emirate, individual *taifa* states, Umayyads.
- Andorra, 1, 4, 34
- angel, as coin type, 82, 85, 87
- angelot, 451
- Anglesola, mint, 110, 160, 522, 553
- Angouleme, 182
- Anjou, coins of, 38
- Anserall, Lleida, coin fd (CI. 44), 490
- Ansúrez, Pedro, Leonese nobleman, 92
- Aquila, mint, 110, 522
- Aquitaine, 29, 353, 375, 387, 451–2
 coin finds in the Iberian Peninsula, 37, 40
- Arab invasion, 711, 1, 3, 6, 54–6, 58
- Arabia, southern, 54
- Arabic, in coin legends, 56–7, 63, 79, 259, 287, 430, 483
- Arabic Spain, Arabs *see* al-Andalus
- Aragon, kingdom of, 3–4, 6, 14, 32, 34–5, 52, 62, 68, 78, 96–108, 193, 196, 200, 250, 344
 Bajo Aragón, coin fd (AI. 9), 499
 coin circulation in, 50, 105
 coin finds in, 20–53 (*passim*), 498–9
 coinage of, 81, 122–4, 128, 130–1, 133, 136, 144, 150–1, 155–7, 159, 186, 334–5; **44–52, 87–9, 95, 106–8, 125–30, 167–9, 267–70**
 commencement of coinage in, 47, 96–9
 conflicts with nobles, 127
 forgery of morabitanos alfonsís, 296
 history, 4, 69–70, 96–9, 111–15
monedaje tax, 262–3
- aragonés, 558
- Aranda, Ordinance of, 385, 391–3, 397
- Aranjuez, Madrid, coin fd (CSI. 47), 508
- Arbeca, coinage and mint, 84, 110, 158, 160, 522; **273**
- Archena, Murcia, coin fd (VI. 3), 501
- Arcobriga, Zaragoza, coin fd (AI. 6), 498
- ardit, 158
- Arles, bishop, 118
 mint, 29–30, 110, 522
- Armagnac, c. of, 137
- Arrochela, coin fd (PI. 5), 518
- Artana, Castelló, coin fd (VI. 19), 502
- Arzúa, La Coruña, coin fd (CSI. 27), 506
- assayers, 321, 384, 413
 assayer marks, 349, 413
- Astorga, bishop of, 431
 mint, 202, 293, 523
 mint mark, 270
- Astorga, León, coin hds (CSH. 28), 304, 510, 513 (CSH. 64)
- Astudillo, Palencia, coin hd (CSH. 29), 304, 510
- Asturias, kingdom and region of, 3–4, 6, 96, 195–6, 199, 203, 208–9, 263, 354, 421
- Athens, duchy of, 5, 129, 133, 137, 145, 170–1
 mint, 110, 523
- Atienza, possible mint mark, 361, 374
- Atlantic, exploration of, 422
- Atlas region, 63
- Atzúvia, Valencia, coin hds, (VH. 2), 126, 503 (VH. 3)

- augustales, 259
 Aurembiaix, heiress of Urgell, 93, 164
 Ausona, county, 68–9, 74, 76, 80, 84, 90, 111
 coinage, 70, 73, 82–3, 84; **62**
 Avignon papacy, 445, 457
 Avila, 310, 340, 370, 372, 386, 397
 coin find (CSI. 28), 507
 mint, 202, 280–2, 284, 293, 333, 340, 361, 373, 384–6, 388,
 393, 398, 400, 402–4, 523; **370?**, **410**, **674**, **685**, **713**,
 740–2
 Avis, cross of, 479–81
 dynasty of, 422, 456, 468, 479
 order of, 454, 456, 473, 551–2
 Azores, 465, 470

 Badalona, Barcelona, coin fd (CI. 92), 34, 493
 hd (CH. 24), 40, 497
 Badajoz, battle of, 426
 mint, 361, 523; **564**
 taifa kingdom, 61, 249; **32**
 Badajoz-Seville, kingdom of, 329
 Badia i Torres, Antoni, numismatist, 585
 Bagà, mint, 110, 160, 523
 Baghdad, 58
 Balaguer, 91–2, 94
 coin find of Hebrew coins, 21
 mint and coinage, 110, 151, 157–8, 160, 523–4, 553; **75**
 Balaguer, Anna M., numismatist, 588
 Balaguer, Lleida, coin fd (CI. 45), 490, (CI. 93) 493
 balances, coin type, 85
 Balearic Islands, 129, 146, 159, 161–3, 165, 499–501
 Almoravid conquest, 63, 196
 coin finds and circulation, 163
 see also Majorca, Minorca
 Banda, emblem of the order de la Banda, 383, 399, 403,
 552, 558
 order of, 383, 388
 Banu Nasr, dynasty, 64
 Banyoles, Girona, coin fds, (CI. 46), 490, (CI. 47) 490
 Barbuda, half-barbuda, 369, 446, 448, 558
 Barcelona, 8, 14, 31, 34, 51, 60, 68–9, 72, 74–8, 104, 113,
 122–3, 129, 344, 444, 553
 coin finds, 20–53 (*passim*), 73, (CI.5), 487, (CI. 37),
 489, (CI. 48), 490, (CI.49), 490, (CI. 80), 492,
 (CI. 94), 493, (CI. 95), 493; hds (CH. 2), 495,
 (CH. 25), 497, (CH. 26), 497
 coinage, 21, 35, 74–8, 119, 121–2, 129, 132, 138–42,
 146–7, 151–2, 155–6, 162, 165, 239, 326
 coinage agreements, 14, 50–1
 Consell de and councillors of, 113, 116, 123, 125, 144, 146
 c. of, 61, 70, 86, 90, 104, 111, 250, 552
 county of, 4, 6, 31, 68–9, 88, 90–1, 95, 196, 239
 episcopal right of coinage, 68, 73–4
 Frankish conquest of, 3, 68, 71–2
 gold coinage, 14–15, 60, 76–7, 97, 140–2, 145–6
 history, 68–70
 mint, 110, 135, 524
 Carolingian mint of, 29, 68, 70–2, 88
 comital coinage and mint, 31, 68, 70, 74–8, 89, 94–5;
 56–61
 Madina Barsiluna, 79
 monetary mark, 9–11
 Muslim wali of, 3
 reform of coinage, c. 1000, 14
 silver coinage (*see also* croat), 27, 33, 74–8, 128
 Barcelos, Afonso de, faction leader, 470
 Barcelos, coin fd (PI. 6), 518
 Barchillon, Abraham, mint lessee, 312, 314, 318, 336
 Barros, La Coruña, coin hd (CSH. 1), 509
 Bartomé, s. of Pedro Dente, coin forger, 274
 Basques, Basque territory, 1, 3–4, 52, 96, 177–8, 197
 Batalha, monastery of, 466
 Batalha Reis, Pedro, numismatist, 582
 Bayonne, 375–6
 Treaty of, 1388, 369, 372, 377–8
 Beamontese, Navarrese faction, 189–91
 Béarn, 5, 36, 78, 97, 104, 110, 112–13, 118, 120, 174, 176, 191
 coin finds in the Iberian Peninsula, 20–53 (*passim*)
 coinage of kings of Navarre, 190–2
 deniers (Centullo), 32
 deniers *morlanes/morlains*, 20–53 (*passim*), 569
 viscounty, 175
 Beatrice of Cardona, 94
 Beatrice of Swabia, 296, 331
 Beatriz de Guzmán, wife of Afonso III, 436
 Beatriz, wife of Afonso IV, 423, 442
 Beatriz, dau. of Fernando I, 369, 375, 444–5, 453–6
 claim to throne, 453–5
 coinages, 375, 455
 Bellpuig, mint, 110, 159, 524, 553; **274–6**
 Beltrán Villagrana, Pío, numismatist, 10, 209, 583
 Belvezet, hd, 72
 Benavente, Cortes of, 257,
 c. of, 361
 curia of, 1202, 261–3, 271
 mint, 385, 524–5
 Benavente, Zamora, coin fds, (CSI. 48), 508, (CSI. 49)
 Benedict VIII, pope, 86
 Benedict XIII, pope, 143
 Benifairó de Valldigna, Valencia, coin hd (VH. 4), 503
 Benimerines, 198, 296, 310
 Berbers, 55, 296
 Berengar, bp of Maguelonne, 64
 Berengaria, q. consort, 238
 Berengueta, wife of Alfonso VII, 247
 Berengueta, wife of Alfonso IX of León, 263, 290
 Berenguer Ramon I, count-marquis of Barcelona, 75–7, 97
 Berenguer Ramon II, count of Barcelona, 77

- Berenguer Sunifred de Lluçà, bp of Vic, 82
 Berenguera, dau. of Ramon Berenguer III, 111
 Berga, 95
 mint, 68, 110, 153, 525
 Bergua, Javier, numismatist, 588
 Bergueda, *pagus*, 68
 Bernardo de la Sauvetat, abbot of Sahagún, 218
 abp of Toledo, 218
 Bernat I Tallaferró, c. of Besalú, 79–80, 86–7
 probable gold coinage, 80, 86–7
 Bernat II, c. of Besalú, 86–7
 Bernat III, c. of Besalú, 87
 Bernat de Mur, bp of Vic, 83
 Berrueces de Campos, Valladolid, coin hd (CSH. 2), 509
 Bertran, c. of Forcalquier, 91
 Besalú, 111
 bishopric, 86
 coinage and mint, 68, 70, 86–7, 525
 county of, 21, 68, 70, 74, 78–9, 85
 Besalú, Girona, coin fds (CI.6), 487, (CI.7), 487;
 hds (CH. 3), 495
 bezants, 163
 Béziers, 78, 110, 123
 mint, 525
 Bianca, dau. of k. of Navarre, wife of Sancho III
 of Castile, 275
 Bianca (1425–41), q. of Navarre, 149, 173, 179, 187–8
 coinages, 187–8; **298–304**
 joint rule with John, 173, 176, 183, 187–8
 marriage to John II of Aragon, 149, 173
 Bianca, dau. of Bianca of Navarre, 173, 189
 Bianca, dau. of Louis IX, k. of France, 325
 Biga, party in Catalan civil war, 149, 152
 Bigorra (Bigorre), 5, 78, 104, 118
 Bilbao, port, 197
 bilingual coins, 57; **I**
 billon coinage, 33, 558
 adoption, 2, 6, 8, 11
 ‘billon zone’ and era of billon denier, 8, 11, 26, 32–3, 35
 circulation, 20–53 (*passim*)
 devaluation of, 11–12, 17–18, 28, 139, 156, 201, 363, 378
 dominance of billon in Castilian hds, 41
 multiples, introduction, 13–14
 see also individual denominations
 Binaced, Huesca, coin fd (AI. 3), 498
 Black Death, 198, 343, 346, 442, 466
 Blan, Perpignan, moneyer, 135
 Saracen’s head arms of, 135
 Blan, Peter, moneyer, 135
 blancas, 378–81, 385–6, 412, 558
 Agnus Dei, 370, 373–4, 557
 de la banda, 394, 398, 402–3
 de la granada see under maravedis
 ‘del rombo’, 394, 396, 398, 408
 Blanche of Artois, 180
 Blanche of Bourbon, 343, 345
bolla, tax, 51, 116
 Bolskan, Iberian coinage of, 92
 Bompaire, Marc, numismatist, 587
 Bonaria (Bonaire), mint, 110, 131, 525
 Bonhom, goldsmith and moneylender of Barcelona, 79, 288
 see also mancuses, Bonhom
 Boniface VIII, pope, 113
 Bonifacio, 113, 145
 Bor Malí, source of gold, 479
 Bordeaux, 345, 358
 Bordeta, la, Lleida, coin fd (CI. 96), 493
 Borgia, Rodrigo de, papal legate, 394
 Borrell II, count–marquis, of Barcelona, 59, 75–6, 83, 90
 Bosa, mint, 110, 151, 157, 160, 525
 Botet i Sisó, Joaquim, numismatist, 582
 Bourbon, dynasty, 199
 Bourges, Carolingian mint, 30
 ‘Bourgey hoard’, France, 304
 Braga, 421
 bishops and archbishopric, 421, 426–7, 431
 forged morabitanos of, 428
 mint and coinage, 424, 426–7, 431, 525
 monetary grant, withdrawal of, 431
 Braganza, region, 272
 Brazil, 5, 482
 brass coinage, 34, 73, 93–4
 Brie, c. of, 179, 181–2
 Brindisi, mint, 110, 526
 Briviesca, Burgos, coin hds, (CSH. 65), 285, 304,
 (CSH. 66), 513, (CSH. 67), 304, 513,
 (CSH. 68) 292, 513
 Briviesca, Cortes of, 1387, 371–2, 374
 Bruges, 466, 471
 Brull, el, Barcelona, coin fd (CI. 50), 490
 Brumest (Bromsta), Johan de la, master moneyer, 326
 Bujaraloz, Zaragoza, coin hd (AH. 3), 499
 bull’s head, 553
 Burdeos, mint, 526
 Buralés, 283–5, 291, 558
 Burgos, 297, 306, 312–13, 352, 355, 357–8, 370, 372, 384,
 386, 397
 cathedral of, 231
 coin finds, (CSI. 1), 504, (CSI. 29), 507, (CSI. 39), 507,
 (CSI. 40), 507, (CSI. 41), 507, (CSI. 50), 508,
 (CSI. 51), 508; hds, (CSH. 4), 235, 509, (CSH. 5), 272,
 509, (CSH. 30), 510, (CSH. 69), 513,
 (CSH. 70), 513
 coinage ordinance of, 1373, 364–5
 Cortes of, 303, 308, 323, 335, 364, 370
 fairs and markets, 198, 231
 mint, 193, 203, 237, 255, 277, 282–3, 285, 293, 304, 311,
 314, 338, 343, 348–9, 356–8, 362, 364–6, 370, 372–3,

- 381–2, 384–6, 388, 393–4, 398, 400–2, 413, 526; **371**,
405, **411–15**, **429–30**, **440–3**, **459–60**, **464–71**, **492**,
517–21, **534–6**, **543–5**, **554–5**, **565–6**, **572–4**, **583–5**,
594, **600**, **610**, **619–20**, **632–3**, **639**, **643–5**, **656**, **658–9**,
675, **686**, **707**, **711**, **714–15**, **728–30**, **735**, **743–4**, **759**,
785–9, **815–16**, **828**, **831–3**, **843**, **852**
 mint mark B, 302, 304–5, 314, 316, 322, 333, 338–40,
 348–9, 358, 360, 365–6, 373–4, 381–2, 385, 387–8,
 399–400, 402; mint mark BVR, 366; possible mint
 marks, 314, 393
 mint officials, 379–80, 384
 wool exports from, 52, 197
 Busca, party in Catalan civil war, 149–50
 bust, facing, coin type, 394
 of child, coin type, 286
 of k., coin type, 265
 of q., coin type, 228–30
 Byzantium, influence of coin types, 58
 Spanish territories of, 1
- Caballería, treasurer-general of Catalonia, 150–1
 Cabrera, comital family of Urgell, 93
 Cacabelos, León, coin fd (CSI. 52), 508
 Cádiz, bishopric of, 359
 conquest of, 296
 fair, 198
 Cagliari, mint, 110, 131, 138, 140, 144, 526
 Calabria, southern Italy, 127
 Calaf, battle of, 1465, 154
 castle of, 84
 coinage and mint, 84, 526
 Calahorra, 355
 cathedral, 249
 mint, 202, 279, 282, 283, 293, 526; **369?**, **372–3**
 Calatayud, *taifa* kingdom, 61
 conquest of, 229
 Calatrava, 275
 military order of, 197, 275
 Calmelles, Roussillon, coin hd (CH. 4), 495
 Calp, Valencia, coin fds, (VI. 4), 501–2, (VI. 20)
 Caltabellota, peace of, 1302, 129
 Camarassa, mint, 68, 157, 160, 527
 Cambriels, Tarragona, coin fd (CI. 97), 493
 Camino de Santiago, 'Way of St James', 35–6, 39–40, 52,
 196, 254
 Caminreal, Zaragoza, coin fd (AI. 10), 499
 campaign coins, 72
 Campaner i Fuertes, Alvar, numismatist, 579–80
 Canaries, 470, 479
 Cañavate (Cañevate), 342–3
 mint, 527
 Candespina, battle of, 226
 Cantabria, 195–7, 199, 208–9, 273
 Cantabrian Sea, 457
- cantigas*, 440
 Canyelles, Barcelona, coin fd (CI. 98), 493
 Cape Borjador, 465
 Capet, dynasty, 173
 Capiscol, Burgos, coin hd (CSH. 3), 509
 Capdevila, Arnau, author of tract on monetary theory, 576
 Capua, mint, 110, 527
 Carat, 559
 Carbonell, Pere Miquel, archivist of Barcelona, 576
 Carcassonne, Carcassonne-Rasés, 5, 78, 112–13, 118, 122–3
 county of, 46, 70, 78
 mint, 110, 527
 Cardenaosa, Avila, coin fd (CSI. 30), 507
 Cardona, viscounty, 68
 arms, 553
 canonry dedicated to St Vincent, 83
 coinage and mint, 70, 84, 527
 family of, 159
 Carlat, county, 70, 111, 113, 162, 168
 carlines blancos, 16
 carlines negros, 16
 carlines, Italian, 167
 Carmona, 352, 380, 444
 mint, 380, 527
 Carmona, Seville, coin hd (CSH. 71), 513
 Carolingians and Carolingian Francia (*see also* under
 individual rulers), 60, 221
 Carolingian Catalonia, history of, 68–70
 Carolingian coinage system and coins, 6, 11, 14, 213
 Carolingian issues in Catalonia, 7–8, 25, 66–108 (*passim*),
 73, 82, 88, 207, 209
 circulation of Carolingian coins in Catalonia and
 al-Andalus, 29–31, 38–9, 200, 207, 209
 Frankish influence in Iberian Peninsula, 3–4, 6, 14, 29–31,
 68–9, 96
 Frankish moneyer, 223
Marca hispanica, 221
 peninsular finds of Carolingian coins, 20–53 (*passim*)
 Carrión, Cortes of, 1317, 335
 c. of, 1140, 363
 treaty, 173
 Cartagena, 322
 Carthage, 57
 Byzantine mint of, 54, 57
 Casas, las, Soria, coin hds, (CSH. 6), 509, (CSH. 31), 292,
 299, 510
 Caspe, election of k. of Catalonia-Aragon, 143, 153
 Castejón del Puente, Huesca, coin fd (AI. 7), 499
 Castell, Es, Minorca, coin hd (MH. 4), 501
 castellano, 559
 Castellard'en Hug, Barcelona, coin fd (CI. 51), 490
 Castelldefels, Barcelona, coin fd (CI. 52), 490
 Castellfollit del Boix, coin hd (CH. 5), 495
 Castellnou de Seana, Lleida, coin fd (CI. 99), 494

- Castelló, coin fd (VI. 5), 501
 Castelló d'Empúries, mint, 68, 527–8
 Castelló de Farfanya, mint, 68, 158, 160, 528, 553; **277**
 Castelo do Atelaiaio, coin hd (PH. 2), 235, 518
 Castile, kingdom and coinages, to 1217, 4, 7, 20–53 (*passim*),
 195–249, 275–90
see also Castile-León
 Castile, Castile-León (*see also* León), 4, 7–8, 16–17, 19, 62–3,
 90, 92, 101, 132–3, 136–7, 194–418, 457, **322–867**
 before the issue of coinage, 199–200, 203–9
 circulation of coinage, 37–8, 48–50
 compared with other kingdoms, 47–53
 dominance of billon in hds, 23–4, 41, 48
 up to thirteenth century, 32–6, 38–9, 45–6, 285, 289–90
 mid-thirteenth to mid-fourteenth century, 32–3, 39–40,
 46, 334–7
 mid-fourteenth century to 1516, 33–4, 37–8, 40–4, 46–7,
 365, 369, 387, 416
 coin finds, 20–53, (*passim*), 504–16
 coin weights, official, 408–9
 coinage, commencement, 8, 16, 47, 200–1
 coinage, counterfeited, 170, 335, 341, 350–2, 363, 394
 coinage, development, 8, 16–17, 26–8, 48, 199–203
 conquest of Navarre, 1513, 16
 dynastic disputes and civil war, 28, 49, 154, 198, 203,
 276, 296, 346, 354, 363–4, 390–1, 394, 398, 402,
 404, 475, 478
 exchanges, exchange rates and values, 336–7, 370, 373, 380,
 383, 408
 export, of coinage, 314, 324, 335, 371, 408–9
 of gold, 51, 202, 308, 314, 465
 of goods, 51–2, 314, 318
 gold coinage, 7–8, 16–17, 25, 47–50, 136, 202, 423
 history, 4–6, 195–9
 literature, 194–5
 mints, 202–3, 204, 205, 206, 236–8, 359–60, 393, 399,
 Maps 5–7
 mercantile class, 48, 198
 monetary mark, 9–11, 201, 336–7
 money of account and monetary standard, 11–12, 47–50,
 201, 292, 346, 350–2, 392, 394, 400, 405, 409–10,
 416–17, 451, 471
 relations with the Crown of Catalonia-Aragon, 5, 49,
 309–10, 325–6, 343, 382
 relations with Portugal, 5, 28, 196, 367, 378–9, 381, 415,
 453–7, 470, 478
 royal succession in, xxviii–xxix
 tax, 1091, 215; on clergy, 379; collection, 348; of Ferdinand
 IV, 324; increase, 370–1, 372; lease of sales taxes, 372;
 problems, 359; of Sancho IV, 315
 trade and commerce, 32–3, 36, 48, 51–2, 417
 union with Catalonia-Aragon, limits of, 198–9
 union with León, 26, 197, 291
 unification of coinages of Castile and León, 291, 298–9, 311
- Castile, coin hds, (CSH. 7), 509, (CSH. 8), 235, 509, (CSH.
 9), 509, (CSH. 33), 511, (CSH. 34), 511, (CSH. 72),
 513, (CSH. 73), 514
 Castilla la Nueva, coin hd (CSH. 32), 510
 Castillo, el, Soria, coin hd (CSH. 74), 292, 514
 Castillo, Diego Enriquez del, author of *Crónica de
 Enrique IV*, 391
 castle, coin type, 281–2
 Castriello de Murcia, Burgos, coin hd (CSH. 35), 511
 Castro, Gutierre Fernández de Castro, 275
 Castro Tarafe, 328, 330, 528
 Castrojeriz, Burgos, coin hds, (CSH. 36), 511, (CSH. 37), 300,
 302–5
 Castros, Castilian noble family, 250, 253, 276–7
 Català, P. G., moneyer, 326
 Catalan civil war, 1462–79, 95, 110, 115, 149–50, 154, 157
 Catalan counties *see under* the individual counties, Catalonia
 and the Crown of Catalonia-Aragon
 Catalão, financial expert, 471
 Catalonia (*see also* Catalan counties and Catalonia-Aragon),
 3–4, 6–8, 11, 20–53 (*passim*), 66–108 (*passim*),
 200, 221
 Carolingian, 68–70
 circulation, 37, 123, 162
 Carolingian period, 25, 29
 comital period, 31, 38–9
 transitional period, 29–31, 38–9
 coin finds, 20–53 (*passim*), 487–98; (CH. 6) 29, 73–4,
 495, (CH. 27) 497
 coinage, 125, 133, 136; **82–8, 90–4, 96–102, 109–24, 131–3,
 143–55, 174–6, 198, 205–8, 226–8, 241, 243–55**
 commencement, 6–8, 31, 47, 209
 documentary evidence, 29–31, 59–60, 66
 Frankish conquest of, 3, 14, 29
 Generalitat of, 50, 95, 113, 116, 140, 152
 gold coinage, 7–8, 25, 62, 78–81
 history, 4, 68–70, 111–15
 mints, 38, 68
 trade and commerce, 30–1, 197
 transitional coinage, 8, 14, 29–31, 38, 72–4; **54–5**
 Catalonia-Aragon, Crown of, 4, 11, 19, 63–4, 109–59
 (*passim*), 344, 355; **44–285**
 circulation of coinage,
 Carolingian and comital period, 29–31
 compared with other kingdoms, 47–53
 up to mid-thirteenth century, 32–6, 38–9, 45–6, 289–90
 mid-thirteenth to mid-fourteenth century, 32–3,
 39–40, 46
 mid-fourteenth century to 1516, 33–4, 37–8, 40–3, 46–7
 cloth production, 50
 coin finds, 20–53, 487–504 (*passim*)
 coinage, 115–17; **134–42, 170, 172–3, 201–4, 224–5,
 239–40, 242**
 coinage, development of, 25–8, 48–50

- Catalonia-Aragon, Crown of (*cont.*)
 fineness, 115, 119–20
 gold coinage, 7, 14–15, 37–8, 46–51, 150
 history, 4–6, 68–70, 111–15, 143
 local (municipal) coinages (*see also* individual issuers), 19,
 34, 116, 137, 146, 151, 154, 156–9; **271–85**
 Majorca, conquest of, 25
 Mediterranean expansion, 5, 27, 113, 123, 161
 merchant class, influence upon coinage, 48, 50–1, 115,
 149–50
 monetary mark, 10–11
 monetary system, standard and money of account, 2,
 11–15, 28, 47–50, 115–17, 409
 relations with Castile, 5, 28, 111–15 (*passim*), 309–10,
 343, 355
 silver coinage of, 33, 46–7, 306
 taxes, 51, 116, 152
monedaje, 262–3
 trade and commerce, 7, 27, 44, 46–7, 50–1, 149, 346
 Catalonia, New, 118, 133
 Catania, mint, 110, 528
 Cathars, crusade against, 120, 122–3
 Catherine, dau. of John of Gaunt, 370, 376, 378, 382
 Catherine of Foix, q. of Navarre, 174
 coinages, 191–2, **311–14**
 marriage to and rule with John d'Albret (1483–1512),
 174, 191–2
 Catherine of Navarre, 99
 Catholic Monarchs, *see* Ferdinand and Isabella
 Cavallero, García, assayer, author, 576
 Cazola, Treaty of, 1179, 5
 ceitil, 467, 471–3, 476, 478–80, 483, 559
census, tax, in Majorca, 163
 Cenwulf, k. of Mercia, 60
 Cerda, Infantes de la, *see under* Alfonso and Ferdinand
 de la Cerda
 Cerdanya, 78, 111
 coinage, 70, 94–5
 c. of, 86
 county, 68–70, 90, 94–5, 147, 154, 162, 164–5, 168
 mint, 528
 Cervera, mint, 110, 157–8, 528; **278**
 Cervera, Lleida, coin fds. (CI. 53), 491, (CI. 100), 494
 Ceuta, conquest, 1415, 422, 457, 472
 Lord of, 473
 mint, 424, 473, 478, 528; **20–2, 25, 1050–9**
 Cevico de la Torre, Palencia, coin fd (CSI. 53), 508
 Chalon, Carolingian mint, 29
 Champagne, c. of, 179, 181–2
 Champagne, dynasty, of Navarre, 46, 175, 551
 Charlemagne, k. of the Franks, emp., 3, 7, 29, 68, 70–1
 Catalan coinage, 71–2, 84, 88
 pre-reform coinage, 71
 reform of coinage 793/4, 7–8, 14, 71
 Charles the Bald, k. of the West Franks, emp., 7, 29, 68,
 70, 73–4
 Catalan coinage, 71–3
 Charles IV, k. of France, Charles I of Navarre, 181
 Charles V, k. of France, 451
 Charles VIII, k. of France, 191
 Charles the Bad, k. of Navarre, 15–16, 27–8, 47, 52, 172–5,
 182–8, 375
 coinages, 182–5; **294–7**
 of Evreux and France, 183
 misattributed to Charles, 182–3
 coronation, 186
 history, 182
 monetary policy of, 15–16
 Charles III the Noble, k. of Navarre, 16, 173, 175, 182,
 186–7, 550–1
 coin collector, 350, 575
 coinages, 186–7
 Charles of Viana, crown prince of Navarre, 149, 154, 173,
 175, 182, 186–9, 399, 404, 553
 coin collector, 575
 coinages, 188–9; **305–6**
Crónica de los Reyes de Navarra, 172, 575
 Charles I, k. of Spain, (IV of Navarre), 155, 157, 176, 193,
 410; **321**
 Charles Martel, mayor of the palace, 3
 Chaves, 421
 Chieti, mint, 110, 528
 chinfrão, 471, 474–5, 559
 chrismón, coin type, 91
 Christ, coin type, facing figure, 85
 Christ, order of, 440
 christogram, coin type, 212, 214–15, 222
Chronicon lusitanum, 219
 Cinca Medio, Huesca, coin fd (AI. 1), 498
 cinquén, 357–8, 366, 559
 cinquinho, 480, 483
 circulation of coinage, 6–7, 20–53 (*passim*)
see also under individual kingdoms
 circulation by weight, 29, 207, 209
 non-monetary payments, 203–9, 422–3
 peninsular overseas, 24, 29, 43–7, 64
 Cistercians, 275
 Cittaducale, mint, 110, 528
 Ciudad Real, mint, 385, 393, 402, 529
 Ciudad Rodrigo, bishop, 265
 gold mine, 260, 273
 mint, 202, 273, 393, 529; **355**
 mint mark, 270
 monetary grant, 265, 273, 293
 Ciudad Rodrigo, Salamanca, coin fd (CSI. 2), 265, 504
 Clarenza (Clarencia) (Patras), mint, 110, 170, 529
 Clement III, pope, 64
 Clement VII, Avignon pope, 376, 445

- cloth, in exchanges, 199, 207–8, 479
 Cluny, 196, 217
 Coca, Segovia, coin fd (CSI. 17), 285, 505
Código de las siete Partidas, 197, 334
 Coimbra, 196, 421, 425
 Cortes of, 296, 454, 456–7
 d. of, 469
 library, 470
 mint and coinage, 212, 214, 216–17, 222, 423–5, 529
 Santa Cruz, 439
 Coimbra, coin fd, (PI. 3), 36, 518
 coin clipping, 309
 coin legends, Arabic, 56–7, 79, 259, 430, 483
 bilingual, 57, 79
 Latin, 57
 on morabitino alfonsini, 63, 287
 coin weights, 140, 202, 272–3, 284, 289, 301, 388, 408–9, 559–60, **176**
 coinage systems, Arab influence upon, 7, 13, 54–65
 ‘billon zone’, 8
 Carolingian influence upon, 6, 14, 29, 31
 development of, 7–8, 11, 25–9
 of Iberian Peninsula, 6–19
 coinages, circulation in Iberian Peninsula, 6–7, 20–53
 earliest issues of coinage of Iberian Peninsula, 6–8
 marginal inscriptions, interpretation, 238–9
 coin names of Iberian Peninsula, xxix–xxxi
 Cologne, St Peter, mark of, 9–10, 439
 Columbus, Christopher, 479
 Comas, Rafael, 587
compra de la moneda, ‘purchase of coinage’, 261–3, 271
 see also moneda forera, monedaje, taxes on coinage
 Conflent, county, 68, 162
 Constança, heiress of Sicily, 123, 127–8, 130, 238
 Constantine VII, emp. of Byzantium, 59
 Constantinople (Istanbul), 81, 145
 Constanza, dau. of k. Peter I of Castile, 266, 345, 347, 375, 377, 444
 Constanza, wife of Alfonso VI, 214, 217–18, 232
 Constanza of Aragon, 238
 Constanza of Portugal, 333
 Constanza Manuel, wife of Afonso IV, 333, 335, 341–3, 443–4
 copper coinage, 17–18, 34, 151, 156, 158, 311, 423, 464
 Corbeil, Treaty of, 1258, 5, 123, 161
 Cordoba, 55, 59, 86–7, 297, 359–60
 coin hds, (CSH. 10), 286, 509
 court of Abd al-Rahman III, 58–9
 Madinat Qurtuba **31, 36–37**
 mint, 362, 385, 529; **416?, 472?, 556?, 586, 595, 660?**
 mint mark, 302, 322, 360–2, 365, 372, 374, 393
 mosque, 58
 taifa kingdom, 61, 291
 Cordoba, caliphate of, 55, 58–61
 coinage, 59–60; **10–12, 18–19**
 internal disputes and pretenders, 59–60
 Coreses, Zamora, coin hds, (CSH. 11), 271, 509, (CSH. 75), 514
 Coria, 367
 cornado, 313, 316, 338–9, 348, 361–2, 366, 374, 560
 of Navarre, 16
 coroado, 560
 see also pilarte
 corona, 185, 561
 coronada, meaja, *see* seisén
 coronat, 137–8, 560
 coronation money, 186–7, 192
 Corrane, coin fd (PI. 8), 518
 Corsica, 5, 113, 129, 138, 144
 Corte, 144
 mint, 529
 Corts, Cortes, 18, 199, 261, 560
 Castile, Castile-León, 197, 199, 296–7, 303, 306, 311–14, 317–20, 323–5, 332–5, 340–2, 345, 361, 363–4, 370–4, 382–4, 386, 393
 Catalonia-Aragon, 113, 123, 134, 144, 152–3, 199
 León, 197, 257, 319
 Navarre, 16, 175, 180, 186, 191–2
 Portugal, 296, 442, 454, 469, 481
 Coruña, La, 273, 294, 345, 376–7, 553
 hoard, 344
 mint, 202–3, 265, 322, 362, 364–5, 367–8, 370, 372–3, 377, 384–5, 393–4, 398–400, 413, 424, 447–8, 529–30; **349–51, 388–90, 417–18, 431, 444–45, 473, 504–9, 522–3, 537, 557, 587?, 596, 601, 646, 661–3, 670, 745, 817, 834, 844, 853**
 mint mark scallop or shell, 270, 302, 304–5, 314, 317, 322, 338–9, 348–9, 362, 365, 373–4, 381, 385, 387; possible mint mark C, 322; C–V, 360; tower, 369
 Roman tower, 369, 448
 Costa Magro, Francisco, numismatist, 587
 Cotlliure, city, 162
 cotrim, 471, 476–7, 560
 counterfeit coins and counterfeiters, 64, 213, 335, 341, 363, 383, 394
 see also forgery
 countermarks, 560
 cows, coin type, 191
 in exchanges and as value referent, 199, 208
 croat, 14–15, 26–7, 128, 140, 144, 152–3, 166, 561
 Croia (Krije), mint, 110, 148, 530
Crónica de 1344, 332
Crónica de Alfonso X, 297, 299, 306
Crónica de Alfonso XI, 334–7, 342, 344
Crónica de Enrique II, 359, 363, 371
Crónica de Enrique IV, 391
Crónica de Ferdinand IV, 320, 324, 328, 330
Crónica incompleta, 417

- Crónica de Juan II*, 382
Crónica Latina, 283
Crónica de Pedro I, 357
Crónica de Sancho IV, 200, 313, 318
 crozier, coin type, 83, 92–4
 crusades, 45,
 of 1239, 179
 against Cathars, 120, 122–3
 against Peter III, 127
 against Tunisia, 179
 First Crusade, 81
 Crusafont i Sabater, Miquel, numismatist, 589
 cruzado, 361, 471, 478, 481, 483, 561
 half-cruzado, 459–61
 quarter-cruzado, 483
 cuaternal, 561
 cuarto, cuartillo, 392, 402–3, 561, 571
 Cubells, mint, 110, 157, 160, 530
 Cubells, Lleida, coin fd (CI. 8), 487
 Cuéllar, 365
 Cortes of, 1297, 320
 Ordinance of, 1282, 311
 Cuéllar hd, 286
 Cuenca, 297
 conquest, 112, 118
 mint, 202–3, 280–1, 293, 343, 345, 356, 359, 362, 384–6,
 393–4, 398, 400, 413, 530; **406, 419, 432–4, 446–7,**
 474–6, 493, 550, 647–8, 681, 687–90, 716, 736, 746–9,
 767, 778, 790–2, 818, 835–40, 845–6, 854–5
 mint mark, 302, 304–5, 314, 317, 322, 338, 340, 360–2, 365,
 381, 385, 399–400, 553
 mint ordinance of, 378–9, 381, 397
 moneyers' privileges, 379
 Cueva, Beltrán de la, royal favourite, 390, 470
 cumulative finds, *see under* finds
 curias, *curia regia*, 261–3
- Dalmau de Palu, lord of Milany, 21
 find of diners, 1295, 21
 Damascus, 55, 57
 Daniya mint, **39**
 Davidiz, Sisenando, Mozarab, 421
 debasement *see* devaluation and debasement
 Dehesa de Macintos, Palencia, coin fd (CSI. 31), 507
 demonetisation, 313, 324, 363
 denarii, Roman, 207
 Denia, *taifa* kingdom, 61
 Déols, 427
 Descatllar, mint master, 145, 150–1
 Desplà, John, treasurer-general, 141, 145
 arms, 141
 devaluation and debasement, of coinage, 11, 15, 18, 36, 271,
 323–4, 343, 363, 371, 378, 380, 381, 383, 393–4, 442,
 458, 461, 466–7
- Deza, mint, 328, 330, 531
 dies, 212, 216, 562
 for millares, 64
 die-cutters, 68, 79, 143–4, 168, 321, 416, 441
 dinar, 57–8, 63, 562
 diner, dinero, dinheiro, denier, 561–2
 see under individual coinages
 diner de la mitra, 118
 diner de tern, 14–15, 125, 157
 dineros, anonymous, with castle and lion in tressure, 303–4
 dineros, Castilian, 375, 381
 dineros jaqueses, 102–3, 105, 133, 334
 dinheiro novo, 423, 436–9, 446, 449
 Dinis I, k. of Portugal, 18, 296, 319, 325, 327, 329, 332, 422–3,
 436, 439–42, 551
 billon dinheiros, 441; **876–83**
 cantigas of, 440
 privileges of moneyers, 442
 silver issues, 440–2, 450
 Dinis, Infante, claimant to Portuguese throne, 441, 454, 457
 dirham, 57–8, 207, 217–20, 305–6, 562
 plugged, 29
 display coinages, 20, 50, 153, 183, 482
 dobla, 202, 307–8, 451, 465, 469, 562–3
 de la Banda, 384, 387–8, 399, 558
 distinguishing different issues of, 388
 multiples, 324, 350, 388–9
 of 35, 20 and 15 maravedis, 340, 344–5, 349–50, 358–9,
 363, 380
 unique dobla types of Peter I, 353–4
 doblenc, 563
 dobler, 166–7, 563
 dobra, 'pé terra', 353, 446, 451, 563
 Dolça of Provence, heiress of Millau, Gavaldà and Carlat, 111
 Domingo Sellart, J., numismatist, 587
 Dorestadt, 29, 71
 Doria, Termo, bidder for mint leases, 393
 double-striking, 563
 Douro (Duero), river, 262, 421, 424
 high basin of, 195–6
 valley of, 196
 Duarte (1433–8), k. of Portugal, 18, 420, 423–4, 461, 464–9,
 471–5, 477, 482
 billon coinages, 468; **994**
 copper coinages, 467; **995–1001**
 gold coinages, 467–9
 history, 465–6
 monetary policy, 466–7
 ducat, 150–1, 155, 409–10, 478, 563–4
 ducatone, 148–9
 Dueñas, mint, 328, 330, 531
 Dulce, wife of Sancho I of Portugal, 428, 431
 Dulce, Infanta, 291
 Durance, river, 118

- Eanes de Zuara, Gomes, chronicler, 420, 476
 Ebro, river, high-middle basin of, 196
 écu, 380, 465, 469, 478, 564
 Edmund, earl of Cambridge, 342, 375–6, 445
 Edward I, k. of England, 296
 Edward III, k. of England, 342, 346, 375, 444
 Edward, the Black Prince, 345–7, 350, 353–5
 Eimeric, Master James, mint master, 136
 Eivissa, coin fd (MI. 5), 500
 Eleanor of Castile, wife of Edward I of England, 296
 Eleanor of England, wife of Alfonso VIII, 290
 Elizabeth (Isabella), St. of Hungary, 440
 Elmatica *see* Salamanca
 Elvira, sister of Alfonso VI, 213
 Elvira, dau. of Alfonso VI, 220
 embassies, Christian, 58–9
 Embrun, county, 78, 90
 mint, 110, 531
 Emirate, Dependent, 56–8; **1**
 Independent, 55, 58; **4–9**
 Empúries, 71, 87, 112, 372
 Carolingian mint, 70–2, 87
 coinage and mint, 29, 68, 70, 89, 531; **70–2**
 county and c. of, 68–9, 71, 87, 129, 372
 Empúries, Girona, coin fds, (CI. 9), 488, (CI. 10), 488, (CI. 54),
 491, (CI. 55), 491, (CI. 81), 492; hds, (CH. 7), 496
 Eneas, moneyer, 288
 England, English, 44, 60, 64, 182, 334, 343–4, 355, 369, 375–6,
 387, 422, 444, 464
 alliance with Portugal, 376, 422, 444, 454, 457
 English coins found in the Iberian Peninsula, 20–53 (*passim*)
 intervention in Castile, 345–6, 350, 353–5, 369–70,
 373–6
 intervention in Portugal, 422, 445, 454, 457
 noble, 465, 469
 Enneas, 79
 enrique, 399–400, 564
 enrique multiples, 400–1
entradas i eixides (entry and exit taxes) (*see also* taxes), 116
 Epila, battle, 1348, 133
 equestrian figure, coin type, 63
 Erard, baron of Arcadia, 171
 Eribau, viscount of Cardona, 83
 Ermemir, viscount of Ausona, 83
 Ermengol I, c. of Urgell, 90
 Ermengol III, c. of Urgell, 91
 Ermengol IV, c. of Urgell, 70, 91
 Ermengol V, c. of Urgell, 81, 91–2; **73**
 Ermengol VI, c. of Urgell, 91–2
 Ermengol VII, c. of Urgell, 93, 108
 Ermengol VIII, c. of Urgell, 90, 93, 108, 550; **74**
 Ermengol IX, c. of Urgell, 93
 Ermengol X, c. of Urgell, 93, 157; **77**
 Ermita del Alto del Perdón, coin fd (NI. 11), 517
 escudo, 415, 417, 468–9, 477
 half-escudo, 477–8
 Esla, river, 232
 espadim, 471, 476, 482, 564
 Espanya, Arnalt de, moneyer, 326
 Espino de Ordaba, Salamanca, coin fd (CSI. 3), 504
 Esponellà, Girona, coin fd (CI. 34), 489
 Esporles, Majorca, coin hd (MH. 5), 501
 Estany, P, Barcelona, (CI. 56), 491
 Estates, *see* Corts, Cortes
 Esteban, *archipresbiter* and coin forger, 295
 Eulalie, St. tomb of, 73
 Eustace de Beaumarchais, governor of Navarre, 180
 Evora, bishop, 437
 Cortes of, 1490, 481
 mint and coinage, 424, 458–9, 462–3, 531; **931–2, 943–4,**
 987–91
 Muslim kingdom, 249
 Evreux, arms, 550
 dynasty, of Navarre, 551
 mint, 175, 183, 531
 excelente, 405–6, 410–11, 564
 multiples, 413–15
 exports, of coinage, 19, 35, 38, 41, 51, 308, 314, 318, 324, 335,
 423, 458, 465
 of goods, 51, 342
 Extremadura, 262, 273, 275, 279, 426
 hd, (CSH. 38), 39, 511
 mint, 202, 284, 531–2
 fals, pl. fulus, 57–8, 564
 Far East, 482
 Faria, Severim de, author, 576
 Fenollet, *pagus*, 68
 Ferdinand I, k. of Castile, 8, 16, 196, 200, 209–12, 264,
 368, 421
 coinage, debates surrounding, 209–12, 251
 Ferdinand II, k. of León, 63, 211–12, 221–2, 230, 238, 249–62,
 264, 266–7, 274–5, 282, 284, 286, 294, 331, 426
 billon dineros, 251–9; **343–5**
 burial, 262
 coin with bust of brother, 249, 274
 coinage in Toledo, 253, 277
 dineros with bust types, 252–3
 gold coinage, 253, 259–60, 264, 272, 295
 guardian of Alfonso VIII, 250–3, 255, 275–6
 coinages of the minority, 276–7, 281, 286
 Hispanorum rex, use of title, 250–2, 265
 history, 249–51
 monetary grant to Santiago, 257, 266, 294
 Ferdinand III, k. of Castile–León, 4, 26, 197–8, 222, 237, 267,
 285, 289–96, 298, 311, 317, 321–2, 324–5, 331–2, 387,
 431, 433, 436, 440, 551
 billon coinage, 291–3

- Ferdinand III, k. of Castile-León, (*cont.*)
 doblas fernandís, 295
 forgeries, 295–6
 gold coinage, 294–5
 immobilised types, 270, 291–3
 mints and monetary grants, 293–4
 suspect coin of, 318, 324
- Ferdinand IV, k. of Castile-León, 198, 257, 267, 291,
 293, 295, 297, 304–5, 310, 318–25, 328–36,
 338, 345
 billon issues, 321–4; **464–89**
 documentary data on coinages, 319–21
 gold coinage, 324–5
 history, 319
 minority, 310, 325, 328–9, 332, 440
 suspect coin of, 318
- Ferdinand de la Cerda, crown prince of Castile-León, 296,
 309, 325, 329
- Ferdinand, Infante de la Cerda, s. of Ferdinand de la Cerda,
 309, 325
- Ferdinand I, k. of Catalonia-Aragon, 94, 142; **198–200**
- Ferdinand I of Antequera, k. of Catalonia-Aragon, 143–4, 369
 coinage, 143–4
 regent for John II of Castile-León, 382
- Ferdinand II the Catholic, k. of Catalonia-Aragon, 5, 14, 16,
 116, 145–6, 150, 154–8, 174, 176, 188, 190–2, 198–9,
 390, 404–15, 470, 551
 coinage, 155–6; **243–70**
 coinage in Navarre, 192, **317–20**
 history, 154
 marriage to Isabella of Castile, 5, 154, 198, 404
 second marriage, 198–9
- Ferdinand II and Isabella, the Catholic Monarchs, 1, 5, 17, 24,
 34, 37, 65, 115–16, 199, 201–3, 389–90, 404–16, 475,
 482, 553
 billon issues, 407–8, 410, 412; **831–67**
 coin collectors, 389, 401, 575
 coinage reform, 1497, 17, 409–13
 gold issues, 405–6, 410–11; **763–6, 771–5**
 history, 404–5
 large denomination multiples, 413–15
 monetary issues, 1475–97, 405–9
 monetary issues, 1497 onwards, 409–13
 regulations concerning coinage, 405–9
 silver issues, 406–7, 411–12, **767–70, 776–830**
- Ferdinand I of Achaia, Infante of Majorca, 110, 162,
 170–1
- Ferdinand of Aragon, 343
- Ferdinand I (Ferrante), k. of Naples, 113, 145
- Ferdinand II, k. of Naples, 113
- Ferdinand González, c. of Castile, 196
- Fernández, Miguel, moneychanger of Seville, 416
- Fernando I, k. of Portugal, 352, 355, 367–9, 375, 421–4, 436,
 439, 442, 444–54, 456
- billon coinage, 445–9; **888–924**
 coinages, 423, 439, 445–52, 456, 458, 467–8
 denominations, overview, 445–6
 gold coinage, 450, 467–8
 history, 444–5
 pretender to the throne of Castile-León, 5, 18, 203, 352,
 367–9, 444, 551, 553
 silver coinage, 449–50, **887**
- Fernando, Infante, 465
- Fernando, Infante, father of k. Manuel, 482
- Ferraro Vaz, Joaquim, numismatist, 584
- feudalisation of coinage, 232
- field, of coin, 564
- Figueres, coin hd (CH. 8), 496
- finds, of coins, 20–53, 486–519
 methodology of analysis, 23–4
 quality of data, 22–3, 44–5
 study of, 21–3
- fineness, 105, 215, 564, *see also* metal content analyses and
 individual kingdoms
- Finestres, J. de, moneyer, 326, 328
- fish, as coin type, 57
- Flanders, 37, 197, 422, 454
 nobles, 465
- fleur-de-lis, coin type, 134, 239
- Florence, ducats and florins of, 409, 465
- florin, 134–5, 137, 143–6, 150, 152–3, 565
 Catalan or florí d' Aragó, 2, 7, 14–15, 46–7, 176, 185, 380,
 387, 409, 452–3, 465, 469
 double florin of Navarre, 183–4
 monetary standard, 7
 Navarre, 16, 183
- Foix, c. of, 162, 173, 189
- Folgueroles, Barcelona, coin fd (CI. 101), 494
- Forcall, el, Castelló, coin fd (VI. 6), 501–2, (VI. 21)
- Forcalquier, 46, 78, 90, 110
 county, 113, 118
 mint, 532
- foreign coins, finds of, 20–53 (*passim*), 486–519
 analysis of, 22, 29, 35, 37–43, 48–50
- forgers, forgery, 143, 213, 233, 274, 289, 295–6, 309, 320, 328,
 341–3, 363, 383, 388, 394, 408
 forgery, modern, 428
 laws against forgery, 443
- formaza*, individual smelting, 438, 453
- forte, half-forte, 446, 450
- foundry workers, 321
- Fraga, 110
 battle, 1134, 112
 mint, 157, 160, 532
- franc à pied*, 451
- franc à cheval*, 358
- France (*see also* Carolingians, Gaul), 1, 5, 26, 29, 44, 87, 113,
 122–3, 128–9, 133, 137, 145, 153–4, 161–2, 167–8,

- 1–6, 180, 196, 207, 217, 306, 310, 325, 339, 343–5,
 354, 358, 387, 422, 444, 457
 arms of France, 551
 French coinage in Navarre, 183
 French coinage at Perpignan, 154
 French coins in peninsular finds, 20–53 (*passim*), 486–519
 French enclaves of kingdom of Majorca, 164
 French rule in Navarre, 172–93 (*passim*), 181
 imitation of French coins and models, 136, 186, 335, 353,
 358, 474
 influence of coinage and monetary standards, 7, 15, 166,
 358, 451–2, 478
 invasions and military expeditions, 113, 127, 162, 219, 376
 peninsular coins found in France, 29, 43–7, 51
 south of, 60, 64
 Francis Phoebus, k. of Navarre, 99, 174, 176, 190–2
 coinages, 190–1
 Frederick II, emp., 238, 259
 Frederick III, k. of Naples, 113
 Frederick III, k. of Sicily, 113, 129
 Frederick IV, k. of Sicily, 113
 Frodo, bp of Barcelona, 68, 71, 73–4, 76
 Fuentidueña, Madrid, coin hd (CSH. 76), 514
Fuero de Vieja Castilla, 1255, 309
fueros, 565
 Aragon, 128, 144
 Castile, 218, 309
 León, 220, 261
 Navarre, 15, 186
 Portugal, 428, 442
- Gaeta, mint, 110, 532
 Galbarros, Burgos, coin fd (CSI. 32), 507
 Galicia, 3–4, 40, 52, 195–6, 199, 207–9, 216, 223, 234, 257,
 274, 294, 345, 367, 369, 376–7, 421, 425–6, 429, 444
 invasion of, 1386, 369–70, 373, 376
 k. of, 226
 Galicia, coin hds, (CSH. 12), 509, (CSH. 39), 511, (CSH. 77),
 377, 373, 514, (CSH. 78), 514
 Galicia, southern, coin hd (CSH. 96), 369, 516
 Gallipoli (Gelipolu), 45, 81
 Gallur, Zaragoza, coin hd (AH. 2), 302, 304, 499
 Galve, Teruel, coin hd (AH. 4), 499
 Gap, 110, 118
 mint, 532
 Garcia III, k. of Navarre, 100, 210
 Garcia IV, k. of Navarre, 69–70
 Garcia V, k. of Navarre, 96, 98, 100–3, 173, 177
 coinage, 100–1
 Garcia VI the Restorer, k. of Navarre, 96, 99–100, 103, 105,
 173–4, 176–7
 coinages, 177
 political achievement, 176–7
 García, bp of Jaca, brother of Sancho Ramírez, 102
- García Sánchez, c. of Castile, 196
 Garsenda, heiress of Forcalquier, 118
 Gascony, 283, 296
 Gaston of Béarn, 334
 Gaston de Foix, 189
 Gaul (*see also* France), 3
 coinage, 207
 Gauzfred I, c. of Roussillon, 87
 Gauzfred II, c. of Roussillon, 87–8
 Gauzfred III, c. of Roussillon, 88; **64–8**
 Gavaldá, county, 70, 111, 113
 Gelmírez, Diego, bp of Santiago de Compostela, 211–13,
 221–3, 234, 258–9
 Genoa, Genoese, 133, 197, 334, 343, 380, 393, 422, 465, 468
 gentil, 446, 451–2, 565
 Germana of Foix, second wife of Ferdinand II, k. of
 Catalonia-Aragoin, 154
 Germany, Germans, 334
 emp., 372
 peninsular finds of German coins, 20–53 (*passim*), 486–519
 Ghibellines, 332
 Gibraltar, 1, 55, 334, 342, 380
 Gil Eanes, navigator, 465
 Gil Farrés, Octavio, numismatist, 98, 583–4
 Giralte, Martín, assayer, Burgos mint, 384
 Girard I, c. of Roussillon, 88
 Girard II, c. of Roussillon, 88, **69**
 Girona, 8, 74, 77, 80, 85
 bp, 74, 76, 84, 86
 Carolingian mint, 68, 70–2, 84
 comital mint and coinage, 29, 55, 68, 73, 84–6, 235
 conquest, 785, 29, 68, 70–1
 county, 68–9, 76, 90–1, 111
 episcopal coinage, 69–70, 73, 84–6, 123, 235
 local coinage, 110, 157–60
 royal mint and coinage, 150, 151, 532, 553; **63, 279**
 Muslim wali, 3
 Girona, coin fd (CI. 11), 488, hd (CH. 9), 86, 496,
 (CH. 10) 86
 Goa, issues of, 484
 Gois, Damião de, chronicler, 420, 482, 485
 gold, coinage (*see also* individual coin types and issuers), 14,
 16–18
 models for, 7, 13, 16
 monetary marks for, 10–11
 multiples of 20 and 50 units, 50
 value of, 33
 gold supply, 17, 33, 50, 54, 58, 155, 295, 306, 339–40, 344,
 372, 380, 408, 417, 422, 424, 431, 435, 463, 478–9,
 481–3
 goldsmiths, 223
 Gomes Marques, Mario, numismatist, 585–6
 Gothic lettering and artistic style, on coins, 299, 302, 304, 328,
 344, 382, 391

- Gozo, 127
 grain, 207–9, 565
 Gramacha, coin hd (PH. 3), 519
 Granada, 132, 229, 250, 298, 300
 'blanco of the war of Granada', 286, 298, 300–1, 311
 coin hd (CSH. 13), 509
 conquest of, 1492, 1, 3–4, 65, 154, 199, 410
 Madinat Ghamata, **24**, **41–3**
 mint, 203, 413, 469, 532; **773**, **779–81**, **793–4**, **819–20**,
 847–8, **856–8**
 Nasrid kingdom of, 4–5, 55, 64–5, 197, 296, 303, 305, 324,
 333–4, 344, 355, 387, 390, 394; **41–3**
 taifa kingdom, 61, 215, 442; **24**
 Grand (Great) Catalan Company, 110, 137
 Almogavers of, 129
 Granollers, mint, 158–9
 Granollers, Barcelona, coin fd (CI. 102), 494, (CI. 103) 494
 Granollers de Rocacorba, Girona, coin fd (CI. 104), 494
 Grau de Cabrera, viscount, 93; **75**
 Graus, 110, 157
 grave, 369, 446, 448–9, 565
 Grave, o, Pontevedra, coin fd (CSI. 4), 258, 504
 Greece, 113
 Greek territories of Catalonia-Aragon, 110, 170–1
 Peloponnese, 170
 Grierson, Philip, 220, 585
 gros, 566
 of Montpellier, 126
 of Navarre, 185
 tournois, 423, 440
 Guadalajara, Alfonso González de, mint lessee, 393
 Guadalajara, coin hd (CSH. 79), 304, 514
 Guadalajara, mint, 385, 393, 400, 533
 Guadalajara, Treaty of, 1207, 178
 Guadalete, river, 55
 Guadalquivir, river, 250
 Guadalupe, Our Lady of, church of, 383
 Guadamir, bp of Vic, 82
 Guadiana, river, 428
 Guarda, 454–5
guardas, elected supervisors of coinage in Barcelona, 25, 115, 125
 in Marseille, 124
 guards, of mint, 321
 Guardiola de Berguedà, Barcelona, coin fd (CI. 57), 491
 Guarrate, Zamora, coin hd (CSH. 80), 514
 Guesclin, Bertrand du, mercenary companies of, 345, 355,
 358–9, 363
 Guifré I, the Hairy, c. of Barcelona, 69, 90, 552
 Guifré II, c. of Barcelona, 69, 73–4, 76, 82
 Guillem, bp of Vic, 82
 Guillem I, c. of Besalú, 87
 Guillem de Cervera, nobleman, 93
 Guimarães, 533
 Cortes of, 436
 Guinea, 417, 422, 470, 478, 481
 Lord of, title, 479–81
 Guislabert I, c. of Roussillon, 87
 Guislabert II, c. of Roussillon, 87
 Guipúzcoa, 178–9, 182
 gunpowder, 339
 Guy, d. of Tuscany, 59
 Guyennois, 353
 Guzmán, Alfonso Pérez de, governor of Tarifa, 329
 Habsburgs, dynasty, 154, 199
 Hafsids, 54, 331
 al-Hakam, 59
 al-Hamdani, Arab scholar, 54
 Hammudi caliphs, 60, 80
 hand, coin type, 85, 87
 of Christ, 87
 grasping sword, 89
 Haro, Cortes of, 1288, 312–14, 317–18
 Haro family, Lords of Vizcaya, 310
 Haro, López Díaz de, 329
 Hebrew coins, 21
 Heiss, Alois, numismatist, 578–9
 Heliópolis, Seville, coin hd (CSH. 81), 202, 514, (CSH. 82), 514
 helmet, crowned, coin type, 448
 Henry IV, emp., 238
 Henry I of Castile, k. of Castile, 285, 289–90, 292
 Henry II of Trastámara, k. of Castile, 49, 133, 198, 203, 304,
 332–3, 348, 350, 354–67, 369, 371, 374–5, 381–2, 386,
 444–5
 coinages, billon issues, 356–8, 360, 366; **550–93**, **604–9**
 first period, 1366–9, 355–9
 gold issues, 358–9, 363
 second period, 1369–73, 359–64
 silver issues, 365; **594–603**
 third period, 1373–9, 364
 conspirator and claimant to throne of Peter I, 343, 345,
 347, 350–1
 history, 354
 monetary issues, 355–66
 motto, 394
 payment to Peter III, k. of Catalonia-Aragon, 49, 364, 409
 Henry III of Castile-León, 304, 348, 357–9, 361, 364–5,
 369–71, 374, 376, 378–86, 392, 398, 400, 442, 577
 absence of gold issues, 380
 billon issues, 381; **643–55**
 council of regency, 378
 history, 378
 mint documents and leases, 378–9, 380
 monetary issues, 378–81
 silver issues, 382; **641–2**
 Henry IV, k. of Castile, 50, 152, 187, 198, 201, 203, 321,
 379–82, 390–405, 407–8, 415, 418, 470, 474, 553, 577
 billon issues, 385, 394–8, 408; **685–724**, **740–58**

- coinage as k. of Catalonia-Aragon, 1462-4, 151; **239-41**
 gold issues, 398; **672-4, 725-7**
 history, 390
 large-denomination gold enrique multiples, 400-1
 monetary issues, 391-4
 1454-60, 391-2
 1465-c. 1470, 393-6
 1471-4, the Ordinance of Segovia, 394, 396-8
 Cortes of Madrid, 1462, 385, 392-3, 397
 Ordinance of Aranda, 1461, 385, 392, 397
 silver issues, 398; **675-84, 728-39**
- Henry, Infante of Castile, 'the Senator', pretender, 322, 330-3, **491**
- Henry II, k. of England, 290
- Henry III, k. of England, 64
- Henry of Lancaster, 334
- Henry I Capet, k. of France, 214
- Henry III, k. of France, 174, 191
- Henry I, k. of Navarre, 175, 179-80
- Henry of Burgundy, 216, 219, 421, 425
- Henry the Navigator, Infante of Portugal, 457, 465-6, 469-70, 478
- heraldry, 550-6
 glossary, 553
 heraldic devices, Aragon, 552
 Béarn, 191
 Castile-León, 297, 331, 376, 448, 551
 Castile and Portugal combined, 415, 448-9, 475
 Catalonia, 125, 239, 552
 city arms and mint marks, 158-9, 552-3
 Empúries, 89, 550
 Majorca, 553
 Navarre, 550-1
 Portugal, 429, 479-81, 551-2
 Provence, 125
 Urgell, 94, 550-1
- Hercules, tower of, 553
- High Provence, 46, 70
- hijra* dating, 57
- Hisham, 59
- Hisham II al Mu'ayyad, caliph, 59-60, 86
- Hispania*, 230
 coins of, 711-56, 56-8
 emp. of *Hispania*, 197
 Muslim, 195
- Hispanic Era, dating, 278, 287, 350
- Historia compostelana*, 221-3, 234
- history, of Iberian Peninsula, 3-6
 contrasts between Christian and Muslim kingdoms, 1-4, 11, 41-3, 47-53
- hoards, 38-41, 20-53 (*passim*), 64, 486-519
- Hohenstaufen, 130
- Holy Roman Empire, throne of, 296
- Holy See, *see* papacy and individual popes
- Honorius II, pope, 231
- Honorius III, pope, 431
- horseman, coin type, 237-8, 278-81
- Hospitallers, 112
- Huacar, Samuel ben, doctor and mint lessee, 336-7
- Huelgas, las, Burgos, monastery of, 315
- Huesca, 78, 103, 429
 mint, 533
- Hugh II, d. of Aquitaine, 214
- Hugh, c. of Arles, 59
- Hugh, c. of Empúries, 89
- Hugh II, c. of Empúries, 550
- Hugh III, c. of Empúries, 89; **70**
- Hugh IV, c. of Empúries, 89; **71**
- Hugh V, c. of Empúries, 89
- Hugh Roger III, c. of Pallars, 95
- Hugo de Conflent, governor of Navarre, 180
- Hundred Years War, 173, 197, 343, 355, 375, 420, 444
- Ibañeta, coin fd (NI. 1), 516
- Ibáñez Artica, Miguel, numismatist, 99, 182-3, 588
- Iberian coinage, 92
 imitation of Iberian script, 92
- Iberian Peninsula, characteristics, 1-2
- Ibero, coin fd (NI. 2), 516
- Ibiza, 111, 161
 conquest, 161-2
- Ibn Khaldun, Arab writer, 54
- al-Idrisi, Arab writer, 54
- Igualada, mint, 110, 533
- Igualada, Barcelona, coin fds, (CI. 105), 34, 494, (CI. 106)
- imitative coinage, 57, 62-4, 136
- imports, of goods, 36, 40
- India, 482-3
- indiction, Byzantine, 57
- Indio, 483
- Inês de Castro, wife of Peter I, 442-3, 454, 457
- Íñigo Arista, k. of Navarre, 96
- Innocent III, pope, 120
- inquisition, 154, 199
- Isabel, dau. of Peter I of Castile-León, 342
- Isabel of Sabrán, wife of Ferdinand of Achaia, 170
- Isabella, St, wife of k. Dinis of Portugal, 440
- Isabella, q. of Castile, 5, 154, 198, 389-90, 401, 403-15, 470
 marriage to Ferdinand the Catholic, 5, 154, 198, 390, 404
 mint instructions and decrees, 405, 416
 rights of mint of Avila, grant of, 1468, 396, 398, 403
- Isabella, dau. of Catholic Monarchs, 482
- Isabella, dau. of Infante Peter, 470
- Isabella of Portugal, wife of John II of Castile-León, 382, 390, 401
- Isar, Burgos, coin hd (CSH. 14), 285, 509
- Islamic Spain *see* al-Andalus
- issue marks, 134-5, 314, 349, 368, 382, 453, 459, 462, 474

870

- Italy, 44, 60, 64, 127, 188, 197, 225, 306, 332
 coin finds in, 44–5
 monetary standards of, 7, 28
- Jaca, 45, 325
 mancus, 80–1, 91, 102
 mint and coinage, 68, 102–3, 108, 130, 533
see also dineros jaqueses
- Jaén, 291
 mint, 385, 393, 400, 533; **691–5**, **708**, **673**
- James, Infante of Castile-León, 310, 329
- James I, k. of Catalonia-Aragon, 14, 25–6, 35–6, 51, 78, 83, 93, 112–13, 115, 122–7, 129–31, 133, 144, 148, 161–5, 173, 178–9, 211, 296, 553
Chronicle, 121
 coinage, 122–7, 130, 211; **96–108**
- James II (1291–1327), k. of Catalonia-Aragon, 83, 113, 129–32, 157, 306, 310, 319–21, 323, 325–7, 335, 341–2, 440
 coinage, 129–32, 306; **111–30**
 k. of Sicily, 128–9
 support for coinages of Alfonso de la Cerda, 326–7
- James II, k. of Majorca, 110, 126–7, 129–30, 132, 162–70
 coinage, 164–7, 166, 167; **182–92**
- James III, k. of Majorca, 110, 133, 136, 162, 167–71
 coinages, 168–70, 167; **196–7**
 history, 168
- James I, c. of Urgell, 94
- James II, c. of Urgell, 94, 152
 claimant to crown of Catalonia-Aragon, 143
- Jaquès 566
see also dineros jaqueses
- Jerez, 260
 Cortes of, 307
- Jerez de la Frontera, 55
 mint, 385, 393, 533
- Jerusalem, 21
- jet-sellers, 223
- Jews, 198, 217, 287–8, 309, 312, 314, 336, 343, 348, 350, 354, 358, 378, 456, 479
 expulsion from Portugal, 482
 expulsion from Spain, 1492, 154, 199, 479, 482
- Jimena, ruling dynasty of Navarre, 96
- joaní, 566
- Joanna, q. of Naples, 145, 149
- Joanna I, q. of Navarre, 173, 175, 179–81; **293**
 marriage to Philip IV of France (1284–1304), 173, 180
- Joanna II, q. of Navarre, 181–2
 marriage to Philip of Evreux (1328–43), 173, 181
 queen alone (until 1349)
- Joanna, dau. of John II of Catalonia-Aragon, 187
- Joanna ‘the Mad’, dau. of Ferdinand and Isabella, 154, 191, 199, 410
 marriage to Philip the Fair, 154, 199

General index

- Joanna, dau. of Henry IV, *la Beltraneja*, 198, 390, 394–8, 402, 404–5, 415–16, 470
- Joanna de Castro, 345
- Joanna Enríquez, 188
- Joanna Manuel, 354, 357
- John the Baptist, St, coin type, 134
 eagle of, coin type, 405
- John I, k. of Castile-León, 203, 341, 348, 357, 369–78, 392
 billon issues, 374–5, 378; **618–40**
 claim to Portugal, 374–5, 422, 444–5, 453–6
 history, 369–70
 issues of silver reales and fractions, 373–4; **610–17**
 monetary issues, 370–3
 payment to John of Gaunt, 370, 372, 377
- John II, k. of Castile, 17, 27, 50, 198, 202, 348, 373–4, 379, 381–90, 392, 394, 398, 401, 403–4, 577
 billon issues, 385–6; **658–71**
 gold issues, 383, 387–9; **656–7**
 history, 382
 minority, 382
 mint letters and documents, 379–80
 monetary issues, 382–5
 silver issues, 386–7
- John, Infante of Castile-León, grandson of Alfonso X, 310
- John, Infante of Castile-León, ‘the One-Eyed’, 333
- John, Infante of Castile-León, s. of Alfonso X, pretender, 257, 303, 319, 327–33
 coinage of, 319; **490**
- John, Infante, s. of Ferdinand and Isabella, 413
- John I, k. of Catalonia-Aragon, 110, 135, 137–8, 140–1, 149–52
 coinage, 137–8, 151; **170–1**
- John II, k. of Catalonia-Aragon, 95, 142, 149–55, 157–8, 188, 192, 390, 404, 415
 coinage, 149–52, 469; **224–38**
 history, 149–50
 marriage to Bianca, q. of Navarre, 149, 173
 marriage to Joanna Enríquez, 188
 k. of Navarre, with Bianca, 149, 173, 176, 183, 187–8; **298–304**
 k. of Navarre alone, 149, 173–4, 176, 189–90
 sole coinage, 189; **307–10**
- John of Alburquerque, 343
- John I of France, 181
- John II of France, 358
- John, s. of Louis the Quarrelsome, k. of France, 181
- John of Gaunt, d. of Lancaster, pretender, 203, 345, 347, 369–70, 372–3, 375–8, 444–5, 457, 465
 Castilian-type issues, 377–8
- John of Lorena, s. of René of Anjou, 153
- John I Orsini, c. of Cephalonia, 170
- John I of Avis, k. of Portugal, 18, 369, 422–4, 445, 453–68, 472, 475, 551
 coinage as *defensor e regedor*, 456, 458
 coinages, overview, 457–8
 copper coinages, 464

- defensor e regeador*, 369, 454, 456
 history, 456–7
 Master of the Order of St Benedict of Avis, 369, 454, 456
 official valuations of foreign coins, 465
 precious metal supplies, 464–5
 silver and billon coinages, 458–63, **925–93a**
- John II, k. of Portugal, 420, 470, 478–82, 551
 copper coinage, 479–80; **1086–9**
 gold coinage, 481–2, **1064–7**
 history, 478–9
 monetary emissions, 479
 silver coinage, 480, **1068–85**
- John III, k. of Portugal, 420
 John, Infante, s. of Peter I of Portugal, 422, 454
 John, Infante, brother of Duarte, 470
 John d'Albret, viscount of Béarn and k. of Navarre, 99, 174, 191–2, 551
 with Catherine, 99, 174; **311–16**
- John Fernando of Andeiro, 453–4
 John Manuel, grandson of Alfonso X, 333, 335, 354, 443
 forgery of Alfonso XI's coinage, 342
 possible coinage of, 335, 340–3
- Jonquera, La, Girona, coin hd (CH. 11), 496
- Judenmedaillen*, 319, 325, 350
- Junedá, Lleida, coin fd (CI. 82), 492
- justo, 481–2, 566
 half-justo, 482
- Kairawan, mint, 57
 kazmí, 97–8
 key, coin type, 83
 king, standing, coin type, 451–2
 kings and kingdoms of Iberian Peninsula, naming of
 kingdoms, xxvii–xxviii
 numeration of kings, xxviii–xxix, 112
- Knights Exchangers, order of, of Santiago, 258
- Ladero Quesada, Miguel, historian, 588
- Lamego, 421
- lance, crossing shield, coin type, 448
- lancer, mounted, coin type, 84, 92
- languages, of Iberian Peninsula, xxvi–xxvii, 557
- Languedoc, 5, 46, 70, 78, 104, 110, 112–13, 118, 120, 122–3, 126, 163, 179
- Lara, Nuño de, 278
- Laras, Castilian noble family, 250, 276, 278, 290, 310, 319
- Lasarte, Alava, coin fd (CSI. 54), 508
- Las Navas de Tolosa, battle, 1212, 63, 121–2, 197, 230, 283, 291, 431
 campaign, 283–5
- Lastanosa, Vicencio Juan de, author, 576
- lead coinage, 94, 158
- leal, 468, 473–4, 566
- Lecce, mint, 110, 533
- Leceia, coin fd (PI. 7), 518
- legends, of coins, Arabic, 56–7, 79, 259
 bilingual, 57, 79
 Latin, 57
- Leire, monastic cartulary of, 96–7
- Leite de Vasconcellos, José, numismatist 21, 580
- leoneses, dineros, 269–72, 291
- Leonor, dau. of Bianca, q. of Navarre, 173–4, 189–90
- Leonor, dau. of Peter III of Catalonia-Aragon, 369
- Leonor of Aragon, wife of k. Duarte, 466, 469
- Leonor de Guzmán, 334, 354
- Leonor Teles, wife of k. Fernando I of Portugal, 448, 453–5
- Leo III, pope, 60
- León (*see also* Castile-León), kingdom and city, 4, 7, 63, 90, 197, 203, 220, 232, 242, 249–74, 310, 312, 330, 354, 376, 426
 bishops and cathedral, 224, 242, 248, 260, 273, 293
 coin finds, 20–53 (*passim*); coin hd (CSH. 15) 235, 509
 coin types, traditional, 255–7, 331
 commencement of coinage, 8
 curia of Benavente, 1202, 261–3, 271
 curias of León, 261–3
fuero, 223
 gold coinage, 7–8, 62–3, 81, 200, 260, 423
 history, 4, 249–50, 274
 kingdom of, 25, 35, 55, 367, 374, 421, 427, 429–30, 444
 mint and coinage, 202–3, 210, 212, 214–15, 220, 222–3, 231, 234, 237, 241–6, 248, 255–6, 260, 265–6, 273, 304, 311, 315, 328, 330–1, 343, 372, 385, 393, 425, 436, 533–4; **322, 327, 330–8, 347–8, 352, 407, 420–3, 435, 448–52, 461, 490?, 494–6, 524, 575, 588–9**
 mint mark, 270–1, 302, 304–5, 314, 316, 322, 338, 340, 360–2, 374
 monetary grant, 221, 242–3, 248
 monetary standard, 25
 union of León and Castile, 4, 26
- Les Cabanyes, Barcelona, coin fd (CI. 41), 490
- Levi, Samuel, 348
- Libourne, treaty of, 1366, 345
- libra *see* pound
- lily, coin type, 77
- lion, coin type, rampant, 305, 307, 359
 with bust, 63
 with cross, 268–9
- Lisbon, 216, 249, 376, 422, 436, 454–6
 conquest of, 426
 Cortes of, 470
 documents from the mint, 459, 475
 mint, 367, 416, 418, 424, 446–50, 456, 458–9, 461–4, 467–8, 472, 474–8, 480, 534; **887, 889–91, 894–9, 901–15, 918–19, 923–8, 933–40, 945–53, 956–75, 981–4, 992–9, 1002–9, 1011–16, 1028, 1060–2, 1064–79, 1090–8, 1101–13, 1117–22, 1125**
 mint mark, 417, 458, 462, 467
 moneyers, 442
 university of, 440, 470

- Lisbon, coin fd (PI. 9), 518
 livestock, 117, 131, 197, 199, 207–9
 exports, 51, 342
Livro dos Conselhos de el-Rei D. Duarte, 457, 459–61, 466, 468
 Llaúnes, Lleida, coin fd (CI. 107), 494
 Lleida (Lérida), 111–12, 132–3, 137, 157
 Lleida, coin fd (CI. 12), 488, 497, (CI. 58), 491,
 (CI. 108), 494, (CI. 109), 494, (CI. 110), 494,
 (CI. 111), 494, (CI. 112), 494, (CI. 113), 494;
 hds (CH. 20), (CH. 21), (CH. 28), 497
 mint and coinage, 110, 151–3, 157–8, 160, 534–5; **280–2**
 pugasas, 34, 553
 taifa kingdom, 61
 Lleyda, José Maria, numismatist, 588
 Lliria, Valencia, coin fds, (VI. 22), 502, (VI. 23)
 Llobet i Portella, Josep Maria, numismatist, 587
 Llordà, Castell de, Lleida, coin fd (CI. 13), 488
 Llorenç de Montgai, Lleida, coin fds, (CI. 14), 488,
 (CI. 59), 491
 Lloret de Mar, Girona, coin fds, (CI. 114), 494, (CI. 115), 494
 Lluchmajor, battle, 1349, 162, 168
 Lluçmajor, Majorca, coin fd (MI. 6), 500
 Llutxent, Valencia, coin hd (VH. 5), 503
 Logroño, 96, 177
 mint, 282, 284, 535; **374**
 London, 64
 Lopes, Fernão, chronicler, 367, 369, 376–7, 420, 441–4, 446,
 448, 450, 452, 455–7, 461
 López, Vasco, Master of the Order of Santiago, 343
 Lorca, 320, 323
 mint, 203, 323, 535
 mint ordinance, 1297, 320–1, 323, 337
 Louis the Blind, k. of Provence, 31
 Louis the Pious, emp., 3, 7, 29, 31, 68, 70–1, 552
 Catalan coinage, 72, 88
 Louis the Stammerer, k. of West Francia, 68, 73
 Louis VIII, k. of France, 123, 179
 Louis IX, k. of France, 179–80, 325, 440
 Louis X k. of France, 181
 Louis XI, k. of France, 154, 174, 190
 Louis I, k. of Sicily, 113
 Low Countries, 44, 317, 466, 471, 483
 Lugo, cathedral and see, 220, 234, 249, 293
 mint and coinage, 202, 212, 220–1, 237, 246, 255–6, 535
 mint mark, 270
 Maçanet de Cabrenys, Girona, coin fd (CI. 116), 494
 Macías, coin hd (CSH. 16), 271, 509
 Madeira, 465, 470
Madina Barsiluna, 79
Madinat Fas, mint, **15**
Madinat al-Zahra, mint, 59; **12–13**
 palatine city, 59
 Madrid, coin ordinance, 1391, 371; 1462, 385, 391–3, 397;
 Cortes of, 385
 mint, 385, 393, 400, 535; **696, 717**
 Madrid (?), coin hd (CSH. 40), 321–2, 511
 Madrigal, Ordinance of, 385
 Madrigueros, Albacete, coin fd (CSI. 5), 504
 Mafalda of Savoy, 428
 Magaulí, c. of Empúries, 89, 550
 Maghreb, ‘the west’, 55
 Maguelonne, bp of, 64
 county, 126
 Majorca, 4, 11, 14, 27, 32, 64, 110–11, 113, 125, 127, 129,
 133–7, 161–71, 553
 circulation, 35, 50, 129, 163–4
 coin finds, 20–53 (*passim*), 499–501; Majorca, coin hd
 (MH. 6), 501
 coinage and mints of, 21, 125, 130, 135–6, 138–46, 151, 153,
 155–7, 159, 161, 553; **156–66, 177–9, 182–97, 199,**
 209–16, 229–36, 256–9
 commencement of coinage, 10
 conquest of, 9–10, 25, 35, 123, 128
 history, 161–2
 kingdom and kings of, 5, 10, 28, 88, 115, 127–9, 133, 137
 mint marks, 140–2, 145–6, 151, 255
 monetary mark, 9
 monetary standard and fineness, 116, 138–9
 taifa kingdom, 61, 163
 Malacca, issues of, 484
 Málaga, *taifa* kingdom, 61, **20–3**
 Malaga, mint, 387
 Mali, kingdom of, 54
 malla, 132, 156, 567
 Malla, Barcelona, coin fd (CI. 84), 492
 Mallén, treaty of, 1209, 178
 Malta, 127
 Manacor, Majorca, coin hd (MH. 2), 167, 501
 mancus, 60, 78–81, 567
 Bonhom mancuses, 79, 97
 see also Jaca, mancus
 Mandinga, merchants, 479
 Manolada, battle, 1316, 171
 Manosca, mint, 110, 535
 Manresa, mint, 110, 157, 160, 535
 al-Mansur (Almanzor), 59, 69
Manual Mallorquin de Mercaderia, 388
 Manuel I, k. of Portugal, 18, 24, 420, 482–5, 576
 issues overseas, 483–5
 monetary emissions, 482–5
 Portuguese issues, 483
 copper coinage, **1123–31**
 gold coinage, 483–4; **1090–1**
 silver coinage, **1092–1125**
 Manuel, Infante of Castile-León, 303
 Manzanera, Teruel, coin fd (AI. 8), 34, 499

- Maó, Minorca, coin fd, 500
 mint, 535
- maravedí, 306–7, 346, 392, 567–8
 as money of account, 2, 11–12, 17, 308
- Marche, Lecoy de la, numismatist, 169
- Margaret of Bourbon, 179
- Margaret of Matagrifó, princess of Achaia, 170
- Margaret of Valois, 174, 190
- Maria, q. of Sicily, 113,
 marriage and rule with Martin, 113, 133
- Maria, wife of Peter I of Catalonia-Aragon, 120
- Maria, dau. of Catholic Monarchs, 482
- Maria of Aragon, 390
- Maria de Molina (Maria Alonso de Meneses), 310, 313, 319,
 322, 325, 328, 330, 332–3
- Maria de Padilla, 345
- Maria of Portugal, 333, 335, 341, 343, 345
- Marinids, 54
- Mariola, la, Lleida, coin fd (CI. 117), 494
- mark, monetary, 9–11, 568
 alfonsí, 10, 202
 of Barcelona, 10–11
 French, 126
 of Montpellier, 10, 126
 of Pamplona, 10
 of Paris, 9–10
 of Perpignan, 10–11, 15, 134, 138
 of Portugal, 438–9
 of St Peter of Cologne, 9–10, 201, 439
 of Toledo, 10, 202
 of Troyes, 9–10
- markets and fairs, 157, 197–8, 231, 308, 402–3
 market inspector, 437
- Marseille, 110, 118, 123, 125, 163
 consuls of, 123
guardas, 124
 mint, 535–6
- Martin, k. of Catalonia-Aragon, 51, 94, 113, 116, 129, 138–45,
 147–8, 553
 coinage, 138–43; **172–81**
- Martin I the Younger, k. of Sicily, 113, 137–8, 140
 marriage and rule with Maria, 113, 133
- al-Mas ‘udi, Arab writer, 54
- masmudini*, 63
- masse d’or, 166
- Massif Central, 162
- Mataró, Barcelona, coin fd (CI. 118), 494, (CI. 119)
- Mateo, Master, sculptor, 257–8
- Mateu y Llopis, Felipe, numismatist, 21–2, 584
- Matilda of Bologna, 436
- Matilda of Hainault, 171
- Maximilian of Austria, 199
- Mayorga, 320
- Mazmudah, Moorish tribe, 63
- mazmudinas, 126, 163, 201, 294–5, 568
- Mazón, Berenguer, moneyer, 326
- mealhas, 429
- Mecca, 57
- Medina, 57
- Medina, Diego Gómez de, senior treasurer, Burgos mint, 380
- Medina, Ruy Gómez de, senior treasurer, Seville mint, 380
- Medina del Campo, 393
 Cortes of, 1370, 361, 363
 fair, 198, 402–3
 mint, 338, 393, 395–6, 402, 536; **761**
 mint instructions, 1467, 402–3
 Ordinance of, 1497, 405, 407, 410, 413
- Medina Sidonia, 55
- Melgar de Fernamental, Burgos, coin hd (CSH. 83), 304, 514
melgores, melgorenses, 568
see also Melgueil
- Melgueil,
 bp, 126
 deniers *melgorenses*, 32, 568
 finds and circulation of deniers *melgorenses*, 20–53 (*passim*),
 123, 163
- Melle, Carolingian mint, 30
- Mendez, Paio, bp of Braga, 427
- Mequinenza, mint, 110, 157, 160, 536
- Mercader, treasurer-general of Barcelona, 145–6
- merchants’ manuals, 135, 138, 387, 576
- Mértola, Muslim kingdom, 249
- Meslay, fd, 45
- Messina, mint, 110, 536
- Mesta (Honourable Council of the Mesta of Shepherds of
 Castile), 197
- metal content analyses, 215, 260, 268–9, 285, 298, 300, 302,
 314, 316, 323, 337, 371, 383, 418, 427–9, 432, 434, 441,
 450, 452, 460–1, 476
- Metcalf, Michael, numismatist, 215
- metrology *see* weight standards
- Midi, the, 25
- Middle East, 58
- Milany, castle of, coin fd 1295, 21
- military orders, 79, 112, 173, 197, 258, 275, 437–8, 440, 552
- millaresas, 126, 306, 568
- Millau, county of, 70, 111, 113
- Milmanda, 367, 536
- Mina, 479
- mines, 273, 372
 silver, 131
 gold, 260, 435
- Miño, river, 4
- Minorca, 110,
 coin finds, (MI. 1), 163, 499–500, (MI. 3), (MI. 7), (MI. 11)
 conquest, 128, 161–2
 mint and coinage, 146, 153, 157, 159–61, 536
 Muslim kingdom, 161

- mints and minting,
 metal preparation, 438
 metal supply, 468
 mint agreements and leases, 130–1, 165, 312, 336–7,
 359–60, 372, 393, 476
 mint documents, ordinances and instructions, 75, 79, 103,
 126–7, 144, 169, 174, 183, 190–2, 273, 321, 326–7,
 336–7, 342, 345, 350–2, 356, 360–2, 364–5, 370, 385,
 391, 402, 405, 407, 410, 413, 480
 letter to Cuenca, 378–9
 mint marks (*see also* assayer marks, issue marks, mint
 masters' marks, moneyers' marks, privy marks,
 treasurers' marks), 135, 137, 140–2, 145–6, 151, 236–8,
 245–6, 260, 268, 270–1, 279–80, 284, 299, 302,
 304, 314, 316–17, 343, 352, 359, 365, 393, 474,
 553, 569
 mint masters, 135, 141, 153, 168, 321, 351
 Majorcan, 135–6
 marks and heraldic signs of, 145–6, 553
 mint officials (*see also* moneyers), 321, 346, 356, 379–80,
 413, 473
 Castile, *prepositus monetarum*, 212, 216, 235
 Castile, privileges of moneyers, 346, 359
 León, *numularii*, 260
 Portugal, privileges of moneyers, 442, 479
 mint privileges, 211
 mints, 68, 110, 202–3, 223, 236–8, 520–49, 568
 court mints, 384, 402–3, 530
 emergency mints, 157
 peripatetic mints, 203, 281–2, 284, 304, 384–5, 393,
 400, 416
 monetary grants, 220–5
 production of coins, 168, 326–7, 336–7, 383, 388
 silvering, 338, 357
see also weight and monetary standards
 Miranda do Douro (Miranda de Duero), mint, 367–8, 424,
 447–9, 536
 Mir de Tost, Arnau, nobleman, 91
 Miró, count-marquis, of Barcelona, 59
 Miró, c. of Cerdanya, 69
 Miró III Bonfill, c. of Besalú and bp of Girona, 86
 mithcal, mizcales, 200, 569
 Moesgaard, Jens Christian, numismatist, 183
 Moia, Barcelona, coin fd (CI. 120), 34, 495
 Molina Seca, 305, 310
 Mondego, river, 421
 Mondoñedo, Lugo, coin fd (CSI. 18), 256, 505
moneda forena (moneda tico), 19, 261–3, 268, 292, 297, 303, 320,
 336, 340, 345, 370
monedaje, monedatge, 15, 19, 78, 122, 124–5, 163, 165, 201, 261,
 427, 569
moneta regis, 223
moneta urbis, 223
 monetary systems, of Iberian Peninsula, 11
 development and stability of, 11, 47–50
 money of account, *see* units of account
monetaticum, tax on coinage, 426
 moneyers, 223, 260, 320–1, 326–7, 346, 351, 359, 375, 380–1,
 442, 479
 guild of, 381
 moneyers' marks, 236, 453
 moneychangers, 223, 410, 416
 moneylenders, 288
 Monreal, mint, 172, 537
 Montblanc, mint, 110, 160, 537, 553
 Montcada, arms of, 553
 Monte Cantabria, Logroño, coin fd (NI. 3), 516
 Monte Rego, Orense, coin hd (CSH. 41), 271, 511
 Monteagudo, Concord of, 1291, 310
 Monteverde, José Luis, numismatist, 21
 Montfar, Dídac, author, 576
 Montfortinho, coin hd (PH. 4), 519
 Montiel, battle of, 1369, 355
 Montpellier, 5, 10, 26, 64, 78, 118, 120–1, 124, 162–3, 165,
 167–8
 arms of, 553
 consuls of, 126
 gros, 126, 165–6
 mint, 110, 161, 537
 monetary mark of, 10, 126
 overseers of coinage, 126
 Montsec, Lleida, coin fd (CI. 60), 491
 Monzón, 68, 95, 102–3
 castle, 123
 mint, 537
 Monzón, Huesca, coin fd (AI. 2), 498
 Moors, Moorish Spain *see* al-Andalus
 morabitorio, 62–3, 200–1, 259–60, 272–3, 285, 294–5, 423,
 428, 569
 morabitorio alfonsini, 63, 178, 285–90, 296
 Portuguese, 429–33, 435, 439–40, 450
 value referent, 201
 Morata de Tajuña, Madrid, coin hd (CSH. 17), 510
 Morea, prince of, 170
 Morella, Castelló, coin fd (VI. 7), 501–2, (VI. 15)
 Morilla, Huesca, coin fd (AI. 4), 498
morlanes, morlains, *see* Béarn,
 finds in the Iberian Peninsula, 20–53 (*passim*)
 Morlas, mint, 537
 Morocco, 54–5, 470
 Moura, coin fd (PI. 10), 518
 Moux, single fd, 46
 Mozarabs, 217–18
 Mues, coin fd (NI. 14), 517
 Muhammad, 57, 64
 Muhammad ibn Sad ibn Mardanish, 'Wolf King', of Murcia,
 287
 Muñó, Burgos, coin hd (CSH. 84), 304, 514

- Murcia, 307, 310, 312, 320–1, 323, 359
 Andalusí kingdom of, 5, 40, 112, 117, 121, 123, 286–7, 305–6, 430, 440
 coinage and mint of, 131, 200, 203, 211, 286–7, 321, 326, 336–7, 360, 365, 385, 393, 402, 537–8; **391, 408, 424, 453–5, 497**
 conquest, 197, 211, 287, 291, 296
 Council of, 131, 361, 363
huerta of, 56
 kingdom, 129, 310, 319–21, 327, 329, 342
 mint documents, agreement of *c.* 1331, 336–7; letter of 1369, 356; letter of 1373, 364
 mint mark M, 302, 304–5, 314–16, 338, 348, 352, 360, 393
 revolts in, 296
- Muret, battle of, 1213, 5, 93, 113, 161
- Muriel de la Fuente, Soria, coin fd (CSI. 26), 506
- Muriel de Zapardiel, Valladolid, coin fd (CSI. 13), 505
- Musa, governor of North Africa, 55
- Muslim Spain *see* al-Andalus
- mutatio monetæ* (*see also renovatio monetæ*), 105
- Nájera, 96, 98–9, 177, 284
 battle of, 1360, 345–6, 350, 353; 1367, 345–6, 355, 358
 names, place, personal and coin names, of Iberian peninsula, xxix–xxxi
- Nantes, fd, 45, 289
- Naples, 5–6, 44, 50, 110, 113, 116, 145, 149, 154–6, 552, 575
 mint and coinage, 148–9, 538
- Narbonensis*, 1
- Narbonne, 1, 55, 78, 110, 118
 mint, 538
- Nasrids, of Granada, 55
- Navarclés, Barcelona, coin fd (CI. 83), 492
- Navarre, 4, 6–8, 10–11, 15–16, 19–53 (*passim*), 62–3, 68, 96–108, 110, 154, 172–93, 196, 200, 334, 344–5, 376
 annexation by France, 1284, 26–7, 173, 175
 Cámara de Comptos, Chamber of Accounts, 174, 183–4
 Champagne dynasty, 46
 circulation of coins, 52
 compared with other kingdoms, 47–53
 up to mid-thirteenth century, 32–6, 38–9, 45–6, 105, 178, 289–90
 mid-thirteenth to mid-fourteenth century, 32–3, 39–40, 46–7, 180, 185
 mid-fourteenth century to 1516, 33–4, 37–8, 40–4
 civil war, 188
 coin finds, 22–3, 516–17
 coinage and mints, 15–16, 103, 172, 174–6, 335; **53–5, 286–321**
 coinage, commencement of, 8, 47, 96–9
 coinage, development, 15–16, 26–8
 conquest and partition of, 1513, 16, 174, 191–2
 estates, 16
 fineness, 105
 forgeries of morabitanos alfonsís, 296
fueros, 15
 gold coinage, 15–16, 105
 history, 4–5, 69–70, 96–9, 173–4
 incorporation into kingdom of Castile, 174, 191
 kingdom of, 3, 5
 monetary mark, 10–11
 money of account and monetary standard, 11–13, 16, 409
 recoinages, 15
 relations with Castile, 173–4, 180, 354–5, 382
 relations with Catalonia-Aragon, 26, 173–4
 relations with France, 28, 173–5
 trade, 36
- Navarre, coin fd (NI. 10), 517
- Navarrería, district of Pamplona, 180
- Navarre-Aragonese alliance, 4
- Navas, las, Jaén, coin fd (CSI. 6), 230, 504
- Navas de Tolosa, las, battle of, 1212, 178
- Near East, 44
- Negrete, 569
- Neopatria, duchy of, 5, 129, 133, 137, 145, 170–1
- Netherlands, 29
- Nevers, Carolingian mint, 30
- Nibla, 249
- Nicholas V, pope, 478
- Niebla, *tajfa* kingdom, 61, 296
- Niger, river, valley of, 54
- Nîmes, 5, 118
- Noja, 257
- Novelda, Alacant, coin fd (VI. 24), 503
- novén, 313, 338, 361–2, 366, 569
- Nueva Estampa, Decreto de, 1566, 407, 410
- numbering of rulers, xxviii–xxix
- numismatics, history of, 575–89
 nineteenth century, 577–80
 pre-nineteenth century, 575–7
 present day, 586–9
 study of coin finds, 21–3
 twentieth century, 580–6
- numularii*, of León, 260
- Núñez, John, 319, 330
- òbol, 569
- Òdena, Barcelona, coin hd (CH. 12), 496
- Odo monogram, coin type, 75
- Offa, k. of Mercia, 60
- offerings, royal, 64
- Olèrdola, Barcelona, coin fd (CI. 61), 491
- Olesa, Barcelona, coin fd (CI. 121), 495
- Oliba, bp of Vic, 82
- Olite, castle, 186
 treaty of, 189
- Olite, coin fd (NI. 15), 517
- Olot, Girona, coin fd (CI. 62), 491
- Omelladés, viscounty, 162

- Oña, Burgos, coin fd (CSI. 55), 508
 Onda, Valencia, coin fd (VI. 8), 501
 Ontinyent, Alacant, coin hd (VH. 7), 503
 Ordejón de Abajo, Burgos, coin hd (CSH. 85), 304, 514
 Órdenes, La Coruña, coin hd (CSH. 18), 510
 Ordoño III, k. of León, 59
 Orense, coin hd (CSH. 19), 510
 mint, 202, 293
 mint mark, 270
 Ornelladès, county, 168
 Orol Pernas, Antonio, 227, 586
 Orpesa, Valencia, coin fds, (VI. 16), 502–3, (VI. 25)
 Orpí, Barcelona, coin fd (CI. 63), 491
 Oporto *see* Porto
 Órrius, coin hd (CH. 13), 76, 84–6, 496
 Ortona, mint, 110, 538
 Osera, la, Avila, (CSI. 19), 505
 Osma, cathedral, 249, 275
 mint, 202, 279, 282, 284, 293, 328, 330, 538; **375**
 Osma, Soria, coin hd (CSH. 86), 515
 Osor valley, Barcelona, coin hd (CH. 14), 77, 496
 Otaza, Alava, coin hd (CSH. 20), 285, 510
 Otto I, emp., of Germany, 59
 Ourique, battle of, 1139, 425
 Oviedo, 293
 coin finds, (CSI. 20), 505, (CSI. 33), 507, (CSI. 34), 507,
 (CSI. 56), 508
 mint, 202, 208, 212–13, 246, 293, 538
 mint mark, 270, 360–1
 San Vicente, grant, 273
 scriptorium, 224
 oxen, in exchanges and as monetary referent, 199, 208
- Pacheco, John, marquis of Villena, 390
 pacific, coin, 15, 150, 153–4, 569–70
 pacts, monetary, 14, 18–19
pagesos de remença, 149
 Palacio de la Galiana, Cordoba, coin hd (CSH. 87), 515
 Palacios de la Sierra, Burgos, coin fd (CSI. 42), 507
 Palamós, mint, 110, 160, 538
 Palencia, Alfonso de, chronicler, 416–17
 Palau de Cerdanya, Girona, coin fd (CI. 15), 488
 Palencia, bishop, 250
 Cortes of, 1286, 308, 311–12; 1313, 314, 318; 1313, 325,
 372–3; 1388
 mint, 202, 234, 250, 280, 293, 385, 393, 539
 mint mark, 270, 284, 393
 Palenzuela, Cortes of, 1425, 382
 Pallars, county, 68–9, 94–5
 coinage, 70, 94–5
 Pallars Jussà, 112, 120
 Pallars Sobirà, county, 68, 113
 Palma, 110
 Palma de Majorca,
- coin find, (MI. 2), 163, 499; hd (MH. 7), 501
 mint, 161, 539
 Pamiers, single fd, 46
 Pamplona, 98, 101–2, 176, 180–1, 186
 bishop of, 96, 179
 cathedral cartulary, 97
 kings of, 96, 98, 177
 mark of, 10
 mint, 68, 103–4, 110, 172, 177, 539–40
 Navarrería, district, 180
 Pamplona, coin fds, (NI. 4), 516, (NI. 5), 516; hd (NH. 1), 517
 Panissars, Col de, Girona, coin fd (CI. 35), 489
 papacy, popes, 60, 83, 102, 113, 122–3, 125, 127–9, 165,
 199, 216, 231, 280, 301, 303, 310, 319, 332, 339,
 344, 354, 376, 421, 425, 430, 432–3, 436–7, 444, 457,
 478, 482
 parias (tributes), 61–2, 79, 90, 117, 121, 196–7, 200, 215, 291,
 295–6, 324, 334–5, 344, 570
 Paris, mark of, 9–10
 Paschal II, pope, 231
 patac, 154, 570
 pattern, 335
 Pau, mint, 540
pavillon d'or, 353, 451
 payments in kind, 203–9, 422–3
 peace council, Cerdanya, 1118, 78
 Pedro, bishop of Segovia, 248
 Pegolotti, Francesco Balducci, Florentine merchant, 9
 Peixoto Cabral, João, numismatist, 587
 Peláez, Diego, bp of Santiago de Compostela, 211–12
 Pelayo, k. of Asturias, 3, 195
 Penatumil, Asturias, coin hd (CSH. 42), 304, 511
 Pepin the Short, k. of Francia, 3
 pepión, 285–6, 570
 immobilised pepiones of Alfonso VIII–Alfonso X, 230,
 285–6, 290–1
 Peralada, county, 70–1, 87–8
 pagus, 68
 Peralada, Girona, coin fd (CI. 16), 488
 Peres Correia, Paio, 435
 Pérez, Hermengildo, magnate, 421
 perforation of coins, 341, 343, 363, 383
 Peronne, Carolingian mint, 29
 Perpignan, 11, 48, 113, 127, 132, 141, 553
 capital of kingdom of Majorca, 164
 coin finds, (CI. 17), 488, (CI. 18), 488, (CI. 19), 488,
 (CI. 65), 491, (CI. 66), 491, (CI. 122), 495
 issue marks, 134–5
 mint and coinage, 68, 88, 110, 134–5, 137–9, 142–7,
 151, 154–5, 158, 160–1, 168–70, 540; **64–9, 137–9,**
 283–4
 monetary mark of, 10–11, 15, 134
 palace, 164
 Persia, Sassanian, 58

- Peter I, 'of Huesca', k. of Aragon, 95, 99, 102–4, 108, 552
 coinage, 103; **49–50**
- Peter I, k. of Castile-León, 17, 27–8, 47, 198, 201–2, 304,
 333–4, 340, 345–56, 358, 367, 369–70, 375, 377–8,
 387, 398, 443–4, 449, 451
 billon issues, 348, 350–2, 356, 362; **546–9, 543–5**
 coinages, in general, 347
 first period (1350–66), 347–50
 second period (1367–9), 353
 dynastic and aristocratic conflicts with and amongst
 nobility, 337, 343–4, 354
 gold issues, 349–50, 353–4, 359, 364; **532–3**
 history, 346
 legislation, 342, 347
 silver issues, 346, 348–9, 360, 365; **534–42**
 soubriquets, 347
- Peter, Infante of Castile-León, 333
- Peter I, k. of Catalonia-Aragon, 25, 35, 78, 83, 93, 112–13,
 115, 119–23, 178, 434, 451–2
 coinage, 120–2; **90–5**
- Peter II 'the Great', k. of Catalonia-Aragon, 27, 113, 118, 123,
 126, 128–30, 135, 162, 166, 296, 325, 552
 coinage, 127–8
- Peter III 'the Ceremonious', k. of Catalonia-Aragon, 10, 28,
 46, 49, 51, 94, 116, 127, 131–7, 140, 150, 162, 168–71,
 342–3, 351–2, 354, 356, 363–4, 369, 409, 440, 444,
 451–2, 552–3
 coin collector, 350, 575
 coinages, 133–7; **134–69**
 up to 1349, 133
 after 1349, 133–7
 forged issues of Castile, 350–2, 363, 369
 history, 132–3
- Peter IV (or of Portugal), 93, 150, 152–4, 161, 164
 coin collector, 575
 coinage, before 1465, 152–3
 coinage, after 1465, 153
- Peter, c. of Urgell, 94, 551; **79–81**
 coin collector, 575
- Peter II, k. of Sicily, 113
- Peter I, k. of Portugal, 369, 429, 439, 441–4, 450, 454, 456–7
 coinages, 443–4; **885–6**
- Peter, Infante, d. of Coimbra, 466, 469–70
 regent for Afonso V, 466, 469–71, 473
- Peter, Infante of Portugal, c. of Urgell, Lord of Majorca
 125, 164
- Peter Ponç, abbot of Sant Pere de Rodes, 89
- Peter de Redorta, bp of Vic, 83
- Petronilla, heiress of Aragon, 105, 112
- Philip the Fair, k. of Castile-León/Spain, 154
 marriage to Joanna, 199
- Philip, Infante of Castile-León, 333
- Philip II Augustus, k. of France, 120
- Philip III, k. of France, 127, 162
- Philip IV 'the Fair', k. of France, 173, 181, 310
- Philip V 'the Tall', k. of France, Philip II k. of Navarre, 181
- Philip VI, k. of France, 451
- Philip of Evreux, k. of Navarre, with Joanna II, 173, 181
- Philip III of Longueville, governor of Navarre, 181, 186
- Philip II, k. of Spain, 407, 410
- Philip V, k. of Spain, 576
- Philip of Swabia, 296
- Philip Huperel, 435
- Philippa, dau. of John of Gaunt, 457, 465
- Pià, Roussillon, coin hd (CH. 15), 496
- piefort, 152, 180, 212, 268, 284, 299, 301, 304,
 443, 570
- pierreale, Sicilian, 127–8, 130, 134
- pilarte, 446, 449, 570
- pilgrims, 223, 258
- Pina, Rui de, chronicler, 420, 468–9
- Pina, treaty of, 1356, 354
- Pinhel, coin fd (PI. 4), 36, 518
- piracy, 378
 Muslim, 35, 163
- Pisa, 131, 161
- Pîtres, Edict of, 68, 71
- plague, 132, 198, 334, 346, 442, 466
- Planell, B., moneyer, 326
- Plasencia, 297, 415
 mint, 202, 280, 284, 293, 540
- ploughman with oxen, coin type, 82
- Plymouth, 376
- Pobla, Sa, Majorca, coin fd (MI. 4), 500
- Poblado de Nava, Burgos, coin fd (CSI. 57), 508
- Poey d'Avant, Faustin, 236
- Poitiers, battle of, 3
- Poitou, 283
- Pollensa, Majorca, coin fds, (MI. 8), 500, (MI. 12)
- pomegranate, ornament on coins, 394
- Ponç I, c. of Empúries, 88
- Ponç of Cabrera, viscount, 93; **76**
- Ponç Hugh I, c. of Empúries, 550
- Ponç Hugh II, c. of Empúries, 89
- Ponç Hugh IV, c. of Empúries, 89; **72**
- Ponç Hugh V, c. of Empúries, 89, 550
- Ponç Hugh VI, c. of Empúries, 550
- Pont de Vilomara, Barcelona, coin fd (CI. 64), 491
- Ponteareas, Pontevedra, coin hd (CSH. 88), 515
- Pontevedra, 429
- Ponts, 91
 mint, 110, 157, 160, 541
- Porqueres, Girona, coin fd (CI. 123), 495
- Portillo, 295
- Porto, 367, 421–2, 472
 mint, 376–7, 416–18, 424, 447, 448, 449, 451, 458–9,
 461–5, 467–8, 472, 474–8, 541; **900, 916–17, 920–2,**
929–30, 941–2, 954–5, 976–80, 985–6, 1001, 1010?

- 1017–18, 1019?, 1033–9, 1063, 1080–5, 1099–1100, 1114–16, 1123–4**
- Portugal, 4–8, 11, 13, 17–19, 62–3, 197, 199, 207–9, 216, 239, 249–50, 260, 274, 295, 335, 339, 345, 359, 378, 414–18, 419–85 (*passim*)
- arms, 164
- circulation of coins, 52–3
- compared with other kingdoms, 47–53
- up to mid-thirteenth century, 32–6, 38–9, 45–6, 272, 289–90, 430
- mid-thirteenth to mid-fourteenth century, 32–3, 35–6, 39–40, 436
- mid-fourteenth century to 1521, 33–4, 37–8, 40–1, 46–7, 398
- coin finds, 22–3, 518–19
- coinage, commencement, 6–8, 17–18, 47, 216–17, 423–5
- coinage, development, 17–18, 26–8, 422–4
- concelhos*, urban, 26
- copper coinage, 464
- expansion, in Iberian Peninsula, 421, 426, 428
- export of coinage, 423, 458, 465, 469
- gold coinage, 7–8, 18, 62–3, 81, 200, 259, 430–1, 435, 438
- gold imports and supply, 422, 424, 464–5, 471, 478, 481–3
- history, 4, 196, 249–50, 420
- interregnum and war of succession, 1383–5, 422–4, 442, 450, 453–6, 470
- coinages of the interregnum, 455–6
- mercantile influence upon coinage, 26
- mints, 424, 483
- monetary mark, 9–11, 438–9
- money of account and monetary standard, 11–12, 18, 25, 409, 416, 424–5, 451
- overseas expansion, 5, 53, 422, 457, 478, 482–3, 485
- payments in kind, 422–3
- privy marks, 453, 458, 462, 474
- recoinages, 437–8
- relations with Castile and León, 5, 28, 249, 355, 369–70, 374, 376, 379, 381, 415, 429, 444–5, 453–7
- warfare under Fernando I, 444–5, 447, 450–1
- relations with England, 444, 457
- secession from Castile, 4
- silver coinage, 423
- silver supply, 480
- Spanish rule of, 422
- tax, on exports, 465
- payments to papacy, 425–6, 430
- property tax, 437–8
- on sale and exchange of coinage, 465
- Territorium portugalensis*, 421, 424–6
- trade and commerce, 26, 28, 36, 53, 417, 422, 436–7, 470, 478–9
- treaty with León, 1165, 426
- urban and merchant sector, growth and influence of, 432–3, 456
- português, 483–4, 570
- portuguez, silver coin, 483
- pound, 566–7
- Roman, 9
- Prague, 2435
- Prats de Rei, Barcelona, coin fd, 1.10.(CI. 67), 491
- prieto, 299, 301–3, 570
- principat, 155, 570
- privateering, 417
- Privilege of the Union, 127
- privy marks, 453, 458, 570
- Procurator, Royal, 141–2, 147, 150
- proof, 152
- of 50-excelente, 413
- Provence, 5, 46, 70, 78, 90, 110–12, 115, 118, 120, 123, 163, 283, 552
- Catalan dominions in, 46
- coins of, 21, 118, 121–5
- High Provence, 46
- Maritime Provence, 78, 113, 118
- Provins, mint, 541
- Puerto de Santa Maria, Cadiz, coin hd (CSH. 89), 515
- pugesá, 156, 317, 570–1
- Puig Castellar, Barcelona, coin fd (CI. 124), 495
- Puigcerdà, mint, 110, 160, 541, 553
- Pujades, treasurer of Barcelona, 145
- Pulgar, Hernándo de, chronicler, 417
- Puy, le, Carolingian mint, 30
- Pyrenees, 1, 3, 5, 55, 63, 68, 103, 112–13, 174, 176, 178, 192, 196
- Pyrenean region, 96
- al-Qadir, k. of Toledo, 217
- quarterola, 571
- quarter-real cruzado, 461
- quatern, 571
- quaternal, 571
- quattrino, 477
- quebra de moeda*, 437–8
- Quermanço, Girona, coin fd (CI. 20), 488
- quinas, arms of Portugal, 63, 429, 551–2, 571
- as coin type, 63, 418
- Quintana del Castillo, León, coin fd (CSI. 21), 505
- Quintanapalla, Burgos, coin fd (CSI. 35), 507
- Quintanaplana, Burgos, coin fd (CSI. 14), 505
- Quintanilla de la Colino, Burgos, coin hd (CSH. 43), 292, 304, 511
- Quiroga, mining town, 367, 448
- mint, 367–8, 424, 448, 541
- Rada, Cararoso, coin fd (NI. 13), 517
- ral, of Majorca, 135–6, 166, 453
- ral, of Valencia, 164, 453
- ral coronat, 118–19

- Ramales, Cantabria, coin hd (CSH. 44), 304, 511
 Ramiro I, k. of Aragon, 96, 100–1
 Ramiro II 'the Monk', k. of Aragon, 108, 112, 173, 176
 Ramiro II, k. of Asturias-León, 195–6
 Ramon de Anglesola, bp of Vic, 83
 Ramon Berenguer I, count-marquis of Barcelona, 9, 46, 70,
 77–9, 82, 84–5, 104, 113
 coinage, 76–7; **56**
 Ramon Berenguer II, count-marquis of Barcelona, 77–8
 Ramon Berenguer III, count-marquis of Barcelona, 70, 77–8,
 83, 85, 111, 113, 550; **57**
 Ramon Berenguer IV, count-marquis of Barcelona, 77–8, 86,
 108, 111–12, 117, 123, 176, 239, 250, 428, 431, 552; **58–61**
 Ramon Berenguer, brother of Alfons I, regent of Provence,
 118
 Ramon Berenguer V, c. of Provence, 118, 120, 123–6
 coinage, 123, 125, 552
 Ramon Bertran, moneyer, 126
 Ramon Borrell, count-marquis of Barcelona, 8, 75–6
 Randulfo, moneyer of Santiago, 223
 Rasés, county of, 46, 70, 78
 Raymond VI, d. of Toulouse, 123
 Raymond of Burgundy, 219, 226, 236, 247, 425
 Raymond de Saint-Gilles, 220
 real, ral, reais, 201, 571–2
 Castilian billon reales, 356–7, 360–1, 377
 Castilian silver reales, 347–9, 365, 370, 373–4, 382, 386–7,
 398–9, 403, 406–7, 411–12, 415–18
 Portuguese atypical half-reais, 462–3
 Portuguese billon reais, 450
 Portuguese copper reais, 483
 Portuguese silver reais, 375, 446, 449–50
 real branco, half-reais brancos, 445–7, 461–2, 468, 475–6
 unit of account, 18, 461, 466–7
 real of ten reais brancos, 462
 real grosso, 471, 474, 477
 real of ten soldos, 458
 real of three-and-a-half libras, 459
 real preto, 464, 467, 472
 half-real preto, 467, 472
 recoinages, 15, 427, 437–8
 Reconquest of Muslim territories, *Reconquista*, 1, 6, 221,
 249–50, 278, 291, 293, 296, 329, 334, 344, 421–2
 reforms of coinage, of Abd al-Malik 695–7, 57
 Almohad, 63–4
 Edict of Pîtres, 68
 c. 1000, 14
 1135, 105
 1497, 17, 409–13
 Regas, John das, jurist, 457
 Reilly, Bernard, 232
 relic, of True Cross, 86
Remessa de Santarém, 446, 450, 457, 469
 René of Anjou, k. of Catalonia-Aragon, 153–4; **242**
renovaciones monetae, 235, 312–14, 421, 427
see also recoinages
 Resende, García de, chronicler, 420, 482
 restrrike, 572
 Reus, Tarragona, coin fd (CI. 125), 495
 Ribadavia, Orense, coin hd (CSH. 90), 515
 Ribadelouro-Tui, Pontevedra, coin hd (CSH. 45), 511
 Ribagorça, county, 68–9, 94–5, 112, 123
 mint, 541
 Rica, q. consort, 238, 247
 Richard II, k. of England, 376, 464
 Rioja, la, 178, 275
 Rioja, la, coin hd (CSH. 21), 510
 rocabertí, 151, 572
 Roda de Isábena, 94
 Roda de Ter, Barcelona, coin fd (CI. 68), 491
Rodda, mint (Roses), 68, 72, 87–8
 Roderic, k. of the Visigoths, 1, 55
 Rodes, St Peter, hd, 40, 42
 Rodez, 78
 mint, 110, 542
 Roger de Llúria, admiral, 127
 Roger II of Foix, 81, 91
 coin struck as hypothetical regent to Ermengol V,
 81, **73**
 Roig, Master John, mint master, 136
 Roig, Master Peter, mint master, 136
 Roma Valdés, Antonio, numismatist, 588
 Roman coinage, 208
 Roman Spain, 96
 Romano, Pero, lessee of right to coin, 476
 Rome, 86, 196, 332
 Roman rite, 217
 Roncesvalles, coin fds, (NI. 6), 516, (NI. 7) 516
 rose, coin type, 76
 Roses, 71
 Carolingian mint, 70, 72
 location of mint, 70–1
 mint of, 29, 68, 542
 rossella, 572
 Rota, Cadiz, coin hd (CSH. 91), 202, 515
 Rouergue-Gévaudan, 5
 Roussillon, 46, 112, 124
 coin find (CI. 21), 488
 coinage, 70, 87, 147, 151
 county, 68–9, 71, 87, 147, 154, 162, 164–5, 168
rovall, quarter dinar, 80, 572
 Rubió, Barcelona, coin fd (CI. 67), 491
 Sabater, Master Peter, mint master, 136
saca de moneda, 35
see also export of coin
 Sadaba, Zaragoza, coin fd (AI. 11), 499
 Sáez, Liciniano, author, 577

- Safar, Era of, 287
 Sagres, naval college of, 466
 Sagunt, Valencia, coin fd (VI. 26), 503, hd (VH. 8), 504
 Sahagún, 319, 325
 monastery, mint, 202, 234, 248, 542
 monetary grant, 220–1, 231–3, 248
 nuns, of St Peter, 233, 248
 treaty, between Castile and León, 1167, 249–50, 253
 Sahagún, León, coin hd (CSH. 92), 515
 Sahara, 54, 59, 62
 St James, image, coin type, 223, 258–9, 266
 pilgrim images, 223
 shrine, 258
 translation, 258–9
 St Paul, with St Peter, coin type, 82
 St Peter, coin type, 82
 with St Paul, coin type, 82
 St Vincent, 83
 coin type, 83
 Sainz Varona, Félix-Ángel, numismatist, 588
 saio, royal, 224
 Salado, battle of the river, 1340, 198, 334, 344, 442
 Salamanca, 254, 297
 bishops and cathedral, 234, 254, 260, 293
 mint and coinage, 202, 212, 221, 234, 246, 249, 254, 260, 311, 393, 542; **346, 354**
 mint mark, 270, 272, 360
 Roman bridge, 254, 260, 272
 Sanctus Spiritus, convent of, 298
 salamanqués, 572
 dineros salamanqueses, 268–72, 291, 317
 meajas salamanqueses, 317
 Salat i Mora, Josep, numismatist, 578
 Saldaña, Palencia, coin fd (CSI. 36), 507
 salt, 62
 Sanahuja, Xavier, numismatist, 75, 588
 San Adrián, Alava, coin fd (CSI. 43), 507, (NI. 8), 516
 San Andrés de Espinaleda, monastery, 315
 San Antolín, monastery, on river Esla, 232
 San Antolín de Palencia, cathedral, 249
 monastery, and mint, 228, 234, 246
 monetary grant, 220–1, 228, 231–3
 San Antón de Lerma, Burgos, coin fd (CSI. 22), 506
 San Cebrián de Castro, Zamora (Castro Tarafe), 330
 San Francisco de Betanzos, La Coruña, coin fd (CSI. 58), 509
 San Isidoro, church of, León, 260, 315
 San Juan de Pie de Puerto, mint, 172, 542
 San Martín de Iraurgi, Guipúzcoa, coin fd (CSI. 44), 508
 San Martín de Valdeiglesias, Madrid, coin hd (CSH. 46), 304, 511
 San Miguel de Abadanes, Burgos, coin hd (CSH. 47), 304, 512
 San Pedro Samuel, Burgos, coin hd (CSH. 93), 515
 San Pelay, mint, 172, 543
 San Román de Entrepeñas, Palencia, coin hds, (CSH. 48), 292, 299, 512, (CSH. 49)
 San Salvador del Páramo, Burgos, coin hd (CSH. 94), 304, 515
 Sanç, k. of Majorca, 162, 167–8, 170
 coinage, 167–8; **193–5**
 Sanç, s. of Ramon Berenguer IV, regent of Catalonia–Aragon, 123
 Sancha, Infanta, 291
 sanchete, 15–16, 178, 335
 Sánchez, Garci, annals of, 403
 Sancho, brother of Alfonso VI, s. of Ferdinand I, 196
 Sancho III of Castile, 238, 245, 248–50, 252–3, 274–5, 284, 286, 312, 426; **358–9**
 coin with bust of brother, 249, 274
 treaty with León, 1167, 249, 253
 Sancho IV the Great, of Castile, 198, 291, 309–19, 323–5, 329, 332, 335–6, 357, 442
 as Infante and claimant to throne, 296, 305, 310–11, 325, 329
 billon coins, 313–17, 336, 338, 339; **440–63**
 coinage issues, 312–17
 gold and silver issues, 317–19
 history, 309–10
 Sancho I, k. of Navarre, 96
 Sancho II, k. of Navarre, father of Ferdinand I, 210, 424
 Sancho III the Great, k. of Navarre, 8, 68–70, 96–105, 177, 196, 210
 coinage, 100, 174
 Sancho IV, of Peñalén, k. of Navarre, 96, 98, 100–2, 177, 210
 coinage, 100–1
 Sancho VI the Wise, k. of Navarre, 96, 174; **286–7**
 Sancho VII the Strong, k. of Navarre, 26, 173, 177, 179, 550; **288**
 Sancho I, k. of Portugal, 63, 423, 428, 431, 433, 551
 dinheiros, 429, 434
 gold coinage, 430–1, 432; **868**
 Sancho II, k. of Portugal, 26, 423, 429–30, 432–6, 450
 civil war and deposition, 432–3, 436
 dinheiros, 433–5; **869–72**
 gold coinages, 435
 issues in Sancho's name by the *procurator regni*, 433
 Sancho, Prince of Castile, s. of Alfonso VI, 213, 222
 Sancho, s. of Ferdinand II of León, 262
 Sancho Guillermo, c. of Gascony, 96–7
 Sancho Ramirez, k. of Navarre and Aragon, 35, 69, 81, 91–2, 95–105, 108
 coinage, 101–3, 174, 177; **44–8**
 Sant Andreu del Prat del Campanar, Andorra, coin fd (CI. 38), 489
 Sant Celoni, mint, 110, 160, 543
 Sant Cugat del Vallès, Barcelona, coin hd (CH. 23), 497
 Sant Esteve, Roussillon, coin hd (CH. 16), 496
 Sant Feliu de Guixols, mint, 110, 160, 543

- Sant Feliu de Guíxols, Girona, coin hd (CH. 29), 497
 Sant Julià de Lòria, Andorra, coin fd (CI. 126), 495
 Sant Julià de Ramis, Girona, coin fd (CI. 22), 29, 73, 488
 Sant Llorenç de Morunys, Lleida, coin fd (CI. 23), 488
 Sant Martí Sarroca, Barcelona, coin fd (CI. 85), 492
 Sant Pere del Grau d'Escalles, Barcelona, coin fd (CI. 69), 491
 Sant Pere de Rodes, Girona, coin hd (CH. 30), 497
 Sant Pere Sacama, Barcelona, coin fd (CI. 36), 489
 Sant Vincenç de Castellet, Barcelona, coin fd (CI. 70), 491
 Sant Vicenç d'Enclar, Andorra, coin fd (CI. 40), 490
 Sant Vicenç de Torelló, Barcelona, coin fd (CI. 24), 488
 Santa Coloma, Andorra, coin fd (CI. 39), 34, 490
 Santa Elena, Guipúzcoa, coin fd (NI. 9), 516
 Santa Eulàlia d'Encamp, Andorra, coin fd (CI. 86), 493
 Santa Eulàlia de Riuprimer, Barcelona, coin fd (CI. 71), 491
 Santa Eulàlia de Ronçana, Barcelona, coin fd (CI. 72), 492
 Santa Maria del Hito, Cantabria, coin fd (CSI. 7), 504
 Santa Maria de la Huerta, Soria, coin fd (CSI. 8), 504
 Santa Maria de Lluçà, Barcelona, coin fd (CI. 42), 490
 Santa Maria de Melque, Toledo, coin fd (CSI. 9), 289, 504
 Santa Maria de Perapertús, Roussillon, coin fd (CI. 25), 488
 Santa Maria de Sorba, Barcelona, (CI. 73), 492
 Santa Perpètua de Mogoda, Barcelona, coin fd (CI. 87), 493
 Santa Quiteria, Monzón, Huesca, coin fd (AI. 5), 498
 Santander, port, 197
 Santarém, 216, 454–5
 conquest, 1184, 260, 426
 mint, 375, 424, 455, 543
 treaty of, 1373, 355, 444
 Santiago de Compostela, 35, 52, 196, 231, 234, 294
 abp of, 8, 212, 234, 257, 262
 Camino de Santiago, 35, 39–40, 52, 196, 254
 cathedral, 211, 214, 257, 262–3
 coinage grant, 213, 220–2, 234, 248, 262, 266, 273, 278, 293–4, 426
 gold coinage, 259
 Knights Exchangers, order of, 258
 military order of, 197, 258, 263, 268, 335, 343, 359
 cross of order, 268
 mint and coinage, 200, 202, 211–12, 214–15, 234, 257–9, 262, 264–6, 273, 281, 294, 359, 362, 425, 543–4;
 343–4, 353, 587
 location of mint premises, 223
 mint mark (scallop or shell), 269–70, 362, 365; SI
 moneys, 213, 273
 treasury, 222, 234
 Santiago de Compostela, La Coruña, coin fds, (CSI. 10), 214, 504, (CSI. 23), 40, 214; hd (CSH. 22), 510
 Santibáñez de la Peña, Palencia, coin hd (CSH. 24), 214, 510
 Santo Domingo de Silos, Burgos, coin fd (CSI. 37), 507
 Santo Domingo de la Calzada, 297
 Santoã, Santander, coin fd (CSI. 59), 509
 São Jorge da Mina, 484
 saracens' heads, as arms, 135, 552
 Sarçola, treasurer of Barcelona, 145
 Sardinia, 5–6, 27, 44, 50, 110, 113, 129, 132, 138, 144, 147, 167, 332, 552
 coinage, 131–4, 136, 138–40, 144, 148, 151, 155–7, 159
 uprisings, 132–3, 138, 143
 Sariñena, mint, 110, 130, 544
 Sarrià, Barcelona, coin hd (CH. 31), 498
 Sasser, mint, modern era, 157
 scales, emblem of order of, 552
 scallop shell, emblem of order of Santiago, 268
 mint mark of Santiago, 269–70
 Schism, Great, 375
 Western, 445
 Sciacca, mint, 110, 544
 scribe, of mint, 321
 seals, royal, 318, 320, 350, 376, 429–30, 455
 Sebastian, k. of Portugal, 422, 473, 551
 Sebastián, D., moneyer of Burgos, 293
 secondary treatment, 29
 Segarra, Lleida, coin fd (CI. 27), 489
 Segovia, 249, 275
 aqueduct mint mark, 392, 398, 400, 402, 404, 553
 Cortes of, 1386, 341–2
 coin finds, (CSI. 11), 504; (CSI. 12), 504; hd (CSH. 23), 510; hd of 118 salamanqueses, 272
 mint and coinage, 202–3, 220, 234, 238, 240–1, 246–7, 279–82, 284, 293–4, 302, 322, 356, 360–2, 372, 374, 385, 392–4, 398, 400–2, 413–14, 544; **339, 392?, 477–80, 576, 621, 634, 676, 682, 697–8, 718, 731, 737–8, 750–2, 768–9, 771, 782, 795–7, 821, 859**
 mint ordinance of, 1471, 321, 391, 394, 397–8, 401
 monetary grant, 248–9, 293
 restoration and repopulation, 248–9
 papal bull on monetary matters issued at, 1473, 394
 seisén, 303–4, 315–17, 357–8, 572
 Selva del Camp, la, mint, 110, 157, 160, 544
 Selva de Mar, Girona, coin fd (CI. 26), 489
 Sentfores, Barcelona, coin hd (CH. 17), 496
 senyal, 572–3
 Septimania, 55
 Sepúlveda, Gónzalo de, 295
 Ser, Peregrin de, master moneyer, 375
 Serón *see* Soria
 Serpa, Alentejo, coin hd (PH. 1), 235, 518
 Setaignes, Valencia, coin fd (VI. 27), 503
 Seu d'Urgell, la, mint, 110, 157, 160, 544, 553
 Seville, 296, 310–11, 333, 345, 358–9, 370, 380, 413, 416
 Catalan and Italian merchant colony, 52, 197, 380, 465

- Seville (*cont.*)
 coin find (CSI. 15), 515; hds, (CSH. 50), 512, (CSH. 51), 304, 512, (CSH. 52), 512, (CSH. 95), 505
 conquest, 197, 291, 431, 436, 440
 Cortes of, 345
 fair, 197
 kingdom of, 310
 mint, 203, 305, 307, 339, 356–7, 359–60, 362, 364–6, 370, 372–3, 380, 382, 384–6, 388–9, 398, 400, 402–3, 413–14, 455, 544–5; **383, 409, 425–6, 436, 456–7, 481–2, 491, 498–9, 515–16, 525–7, 532–3, 538–42, 546–9, 553, 559, 567, 577–8, 590, 597–8, 602, 604–6, 611–17, 622–4, 631, 635–8, 640–2, 649–51, 654–5, 657, 664–6, 669, 672, 677–9, 683, 699–702, 709, 712, 719–20, 725–6, 732–4, 739, 753–5, 758, 762–6, 772, 774–7, 783–4, 798–807, 822–5, 829, 841–2, 849–50, 860–1**
 mint instructions to, 405
 mint mark S, 302, 304–5, 314, 316, 322, 328, 333, 338–9, 343, 349, 352, 360–2, 365–6, 373–5, 381–2, 385, 388, 399–400, 402–4
 port, 197
taifa kingdom, 61, 215, 305–6; **33–5**
 treasurer of mint, 379–80
 Shahadah, Profession of Faith, 57
 sheep, 197, 209
 shell, pilgrim badge, 223
 shipping, 113
 Sicily, 5–6, 27–8, 44, 50, 110, 113, 116, 127, 129–30, 132–3, 138, 143, 405, 407, 415, 552
 coinage, 127–30, 138–40, 144, 148, 151, 155–6, 166, 238, 259
 standard of the *pierreale*, 27, 138–9
 Sigüenza, bishops and cathedral, 231, 249
 mint, 202, 279, 284, 293
 Sigüero, 295
 silver coinage, 9, 15, 18, 43
 silver supply, 342, 383–4, 416, 464
 silvering, 338, 357
 Silves, Muslim kingdom, 249
 Silves, coin fd (PI. 2), 518
 Simon de Montfort, 123
 dau. of, 123
 single finds, *see under* finds
 Sintra, 216
 Sirvent, treasurer of Barcelona, 145
 six-line silver coin, 305–6
 sisè, 573
 Sisnando Davídez, ruler of Coimbra, 216
 Skanderbeg, leader of Albania, 145
 slaves, 59, 479
 slave route, putative, 31
 Sobarbe, San Victorian de, cartulary, 119
 Sobrado, monastery, 257
 Sogorbe, Castelló, coin hd (VH. 6), 503
solidus, 208, 424–5, 573
 of *Hispania*, 56–8
 solidos galleganos, 199, 203–9, 423, 573
 Soller, coin fd (MI. 9), 21, 167, 500, coin hd (MH. 1)
 Solsonès, Lleida, coin fd (CI. 28), 489
 Soria (Serón), 112, 275, 307, 320, 326–7, 330
 coin find (CSI. 60), 299, 509, hd (CSH. 53), 299, 512
 mint, 360–1, 545
see also Serón
 Sort, mint, 68, 545
 Sort, Lleida, coin fd (CI. 74), 492
 Spain, concession of Roussillon to France, 1652, 87
 emergence of, 1714, 6, 199
 Spain, southern, coin hd (CSH. 54), 292, 299, 512
 star, eight-pointed, as coin type, 57
 five-pointed, as coin type, 427
 stock exchange, Portuguese, 422
 Sueves, 1, 3
 coinage as referent, 199, 207–8
 Sulmona, mint, 110, 545
 Sunifred II, c. of Urgell, 69, 90
 Sunyer, c. of Barcelona, 69, 73–4, 76, 84
 Sureda, Roussillon, coin fd (CI. 127), 495
 sword, grasped by blade, coin type, 476, 482
 swords, forming cross, coin type, 434
 Sylvester II, pope, 84
 Syria, 55
 Tafalla, castle, 186
 Tagamanent, Barcelona, coin fds, (CI. 29), 29, 73, 489, (CI. 75), 492
 Tagliacozzo, mint, 110, 545
 Tager, river, 216, 280
taifa states/kingdoms (*see also* individual kingdoms), 4, 55, 61–2, 79–80, 90, 196
 Christian intervention in, 61–2
 Talamanca, Barcelona, coin fd (CI. 76), 492
 Talam, mint, 110, 158, 160, 545
 Talavera, 357
 fair, 198
 talla, tariff, 573
 Tandulfo, moneyer, of Santiago, 223
 Tangier, 422, 465, 470
 Tarazona, conquest of, 229
 Tarí, Master Bartomeu, mint master, 136
 Tarifa, 310
 Tarifa incident, 329
 tariff, *see* talla
 Tariq ibn-Ziyad, 55
 tarja, 573
Tarraconensis, 55
 Tarragona, 55
 mint, 110, 157, 158, 160, 545, 553; **285**

- Tarragona, coin fd (CI. 77), 492
 Tàrrega, mint, 110, 157, 160, 545
 Tàrrega, Lleida, coin fds, (CI. 30), 29, 489, (CI. 31)
 taxes, related to the coinage, 15, 19, 78, 122, 124–5, 163,
 261–3, 268, 297, 303, 319, 423, 426–7
 see also monedaje, moneda forera
 Teixeira de Aragão, Augusto, numismatist, 580–6
 Tejo (Tagus), river, 421, 425–6, 428, 465
 Tejo basin, 435
 Templars, 112, 440
 temple, as possible coin type, 73
 Teresa, dau. of Alfonso VI, 216, 220, 421, 425
 Teresa of Entença, c. of Urgell, 93–4, 551; **94**
 tern, diner de, 573
 ternal, 573
 Terraça, Berenguer de, moneyer, 326
 Terrassa, mint, 110, 154, 160, 545, 553
 Terrassa, Barcelona, coin fd (CI. 128), 495
 Teruel, province, 34, 113, 117–18
 teston, 573
 Teuderic, bp of Barcelona, 73–4, 76
 textile industry, 198
 Thebes, mint, 110, 546
 Theobald I of Champagne, k. of Navarre, 26, 173, 175,
 178–9; **289**
 Theobald II, k. of Navarre, 179–80, 550–1; **290–2**
 Theobald III, c. of Champagne, 179
 Theobald, prince of Navarre, 180
 thistle, coin type, 94
 Thomsen, Rudi, numismatist, 99
 Tiernes, Soria, coin fd (CSI. 24), 506
 Timbre, of Perpignan, 137–8, 573–4
 of Valencia, 148
 Todesca, James, 273, 337
 Todolella, Valencia, coin fd (VI. 28), 503
 Toledo, 10, 55, 217–20, 250, 275, 277, 294, 297, 306, 309–11,
 357, 372, 425, 433
 abp and see of, 226, 231, 234, 360
 bankers and financiers, 288–9
 coin find (CSI. 16), 505; hds, (CSH. 55), 512, (CSH. 56),
 512, (CSH. 97), 516; suspect hd, 318
 community within, under Christian rule,
 217–20
 conquest of, 1085, 8, 54, 62, 196, 200, 209–13
 Cortes of, 393
 markets, 211
 mint and coinage, 200, 202–3, 211–15, 218–20, 222,
 231, 234, 237–41, 244–6, 248–9, 253, 255, 259,
 277–8, 281–2, 284, 286–9, 293–4, 304, 343, 356,
 362, 364–6, 384–6, 393–4, 398, 400, 402, 413, 546;
 323–6, 328, 341–2, 345, 358–66, 368, 376, 377,
 378?, 379–82, 393, 394, 395, 427–8, 458, 462,
 483–5, 500–3, 528–31, 579–82, 599, 603, 607–9,
 625–9, 652–3, 667–8, 671, 680, 684, 703, 710,
 721–2, 724, 727, 756, 770, 808–14, 826–7, 830,
 851, 862–86
 mint instructions to, 405
 mint mark (star), 270, T, 284, 302, 304–5, 314, 317, 338,
 340, 352, 360–2, 365–6, 374, 381–2, 385, 388, 399,
 402–3; TOLE 382
 monetary grant, 221, 234, 248, 278, 293
 monetary mark of, 10, 202
 mosque, 217
 Muslim mint, 210
 taifa kingdom, 61; **29–30**
 transitional dirham coinage, 210–11, 218–19
 treasurer of mint, 379–80
 tolls, 231
 Toló, mint, 110, 160, 546
 Tomar, royal residence, 466
 tomb, of St Eulalie, as coin type, 73
 Torà, 110
 Torà, Lleida, coin fd (CI. 78), 492
 Tordesillas, treaty of, 1499, 417
 tornès, half-tornès, 367–9, 440–2, 446–8, 450, 574
 Toro, 341, 357
 battle, 1356, 354; 1476, 154, 470
 Cortes of, 1371, 363
 mint, 385, 393, 402, 416–18, 424, 472, 546,
 553; **559**
 Toros de Guisando, Treaty of, 404, 415
 Torredonjimeno, Jaén, coin hd (CSH. 57), 235, 512
 Torrelles de Foix, Barcelona, coin fd (CI. 88), 34,
 493
 Torres Novas, Cortes of, 469
 Torroella de Montgrí, Girona, coin fds, (CI. 32), 489; hd
 (CH. 22), 497
 Tortosa, 111–12, 134
 mint and coinage, 110, 151, 153, 157, 160, 546
 taifa kingdom, 61, 553
 Tostão, 483, 573
 Toulouse, 123
 Carolingian mint of, 27, 29–30
 c. of, 178
 d. of, 111
 tourmois, 574
 tariff, 126
 Tower and the Sword, order of, 476
 towns, powers of, 121
 trade, commerce and merchants, 27, 32, 34, 38, 43–6, 48,
 50–1, 113, 126–7, 149–50, 152–3, 162–3, 170, 189,
 196, 217, 231, 306, 370, 384, 386, 408, 422, 436–7,
 465, 470, 479
 with Africa, 306, 310, 380, 479
 with al-Andalus, 45, 131
 with Carolingian world, 29–31, 39, 72
 within the Iberian Peninsula, 36, 38, 40, 51–2, 117
 with Near East, 44

- trade, commerce and merchants (*cont.*)
 with New World, 417
 Italy and Italians, 43–4, 48, 51–2, 380, 422, 465, 468
- trade routes, 73
 al-Andalus and Francia, 31
 Atlantic, 115, 457
Camino de Santiago, 35–6, 39–40, 52, 196
 Flanders, 454
 route to modern Turkey, 45
 trans-Saharan, 54, 59, 62
- Trancoso, treaty of, 1387, 372
- Trastámara, family and dynasty, 154, 198, 334, 347–8, 354, 454
- Trastámara, c. Henry of, *see under* Henry II of Castile-León
- Trastámara, Patrick de, 337, 343
- Trastámara, Tello de, 343
- treasure and treasury, royal, 345, 348, 358, 376
- treasurers, of mints, 379
- treasurer-general, 145–6, 553
 marks, 145–6, 453
- tree, coin type, 85, 93, 101–3, 177, 267–9
- tree felling, 342
- Tremp, mint, 110, 160, 546–7
- treasure, 574
- Triens, as referent, 199, 203–9
- Troyes, mark of, 9–10
 mint, 547
- True Cross, relic, 86
- Tudela, 61, 96
 conquest of, 229
 Council of, 1330, 181
 mint, 172, 177, 547
 treaty of, 1230, 178
- Tudillén, treaty of, 1151, 112
- Tuñir, Roussillon, coin hd (CH. 18), 496
- Tunis, 331
- Tunisia, 179
- Turkey, 45
 assault on Constantinople, 145
 Turkish domination in Mediterranean, 115
 Turkish threat, 145
- Tuy, 429
 bishop of, 431
 mint, 367–8, 416–18, 424, 448, 547
- Úbeda, Jaén, coin hd (CSH. 25), 510
- Ubieto, Antonio, 98
- Uclés, battle, 1108, 213, 222
- Ugonenca, 574
- Ujué, coin fd (NI. 16), 517
- Ultrapuertos, 174, 191
- Umayyads, 55–61
 caliphate of Cordoba, 58–61
 caliphs and caliphate, 55, 58, 90
 coinage of, 8
 Dependent Emirate, 56–8
 Independent Emirate, 55, 58, 4–9
 uncertain mints, 356–7, 367, 384–7, 396–404, 437–9, 463, 486–9, 510–11, 551–2, 560–3, 568–71, 593, 618, 705–6, 757, 760
- Union, Aragonese-Valencian, nobles of the, 132–3
- United Kingdom, finds of Portuguese coins, 47
- units of account, Carolingian, 6, 11–12, 16, 174
 Castile, 2, 11–13, 203–9
 Crown of Catalonia-Aragon, 2, 13, 115
 diner or dinero, 2, 6, 11–12
 Portugal, 13, 18, 424, 461, 466–7
- Urban VI, pope, 376
- Urdiain, coin fd (NI. 12), 517
- Urgell, 31, 112, 120, 157
 counts, 61, 78, 113, 118, 125, 132
 county, 35–6, 45–6, 68–9, 79, 81, 90–4, 125, 143, 157, 196, 239
 county coinage, 31–2, 70, 90–4, 108
 episcopal participation in coinage, 90–2
- Urraca, q. of Castile, 215–16, 220–1, 225–36, 240, 242, 246, 248–9, 264, 285
 dinero coinages, 225–30; 327–8
 monetary grants, 231–4
- Urraca, dau. of Alfonso VIII, wife of Afonso II, 431
- Urraca López, wife of Ferdinand II of León, 257, 262
- Ursula, St, possible coin inscription to, 340
- usurpation of coinage, 232
- Utiel, Valencia, coin fd (VI. 29), 38, 503
- Valadi, 387, 469, 574
- Valadouro, Lugo, coin hd (CSH. 58), 512
- Valdediós, Asturias, monastery, 274
- Valdaluengo, Treaty of, 1134, 173
- Valdunquillo, Valladolid, coin hd (CSH. 59), 304, 512
- Valencia, 32, 48, 64, 110, 113, 115, 125, 166, 217, 344, 552–3
 circulation, 37, 40, 50, 335, 365
 coin finds, 20–53, (*passim*), 501–4; Valencia, coin fds, (VI. 9), 501, (VI. 10), 502, (VI. 11), 502, (VI. 12), 502, (VI. 13), 502, (VI. 17), 502, (VI. 30), 503, (VI. 31), 503, (VI. 32), 503, (VI. 33), 503; hds, (VH. 9), 504, (VH. 10), 504
 coins and mint of, 21, 80, 110, 125, 128, 130, 131, 133, 135, 137, 140–2, 144, 145–6, 148, 151, 155, 156, 166, 351, 547; 103–5, 171–2, 180–1, 200, 217–23, 237, 260–6
 conquest, 120, 123
 kingdom of, 5, 11, 14, 111, 129
 monetary mark of, 11
 Moorish uprisings, 127
taifa kingdom, 61, 112, 117, 121, 296, 26

- Valencia de Alcántara, mint, 367–8, 424, 449, 547
- Valera, Diego de, royal counsellor, 407–9
- Valhelas, coin fd (Pl. 1), 518
- Valladolid, 311, 336, 384
 Cortes of, 296–7, 324, 332, 335, 342, 345, 385, 394
 mint, 361, 366, 385, 393, 400, 402, 547
- Valldurgent, Majorca, coin hd (MH. 3), 501
- Vallespir, *pagus*, 68, 162
- Valls, Tarragona, coin hd (CH. 32), 498
- Valois, dynasty, 173, 181
- Valveralla, Girona, coin fd (CI. 33), 489
- Venice, merchants, 482
 monetary standard of, 7, 15, 17, 116, 155, 409–10, 478
- Verdun, Carolingian mint, 29
- Veullin, hd, 72
- Vic, 74, 77, 82
 bps, 73–4, 76, 82–4
 coinage and mint, 84, 87, 110, 123, 129, 154, 157–60, 547–8; **62**
 episcopal museum, 64
 Peter and Paul, patron saints of church, 82, 553
- Vic, Barcelona, coin fds, (CI. 79), 492, (CI. 129), 495; hd (CH. 33), 498
- Vidal, Bernat, moneyer, 326
- Vidal, Pere, moneyer, 126
- Vidal, Remon, moneyer, 326
- Viladecans, coin hd (CH. 34), 498
- Vilafañe, Arfe i, author of *Quilatador de la plata, oro y piedras*, 1572, 576
- Vilafranca, Castelló, (VI. 14), 502
- Vilafranca de Conflent, mint, 548
- Vilafranca del Penedès, mint, 110, 548
- Vilanova de Meià, mint, 110, 160, 548
- Vilanova de la Raó, Roussillon, coin hd (CH. 19), 496
- Vilanova i la Geltrú, Barcelona, coin hd (CH. 35), 498
- Vilaret, Joan, numismatist, 587
- Villa di Chiesa (Vila d'Iglesies), 110
 mint, 131, 133, 138, 548
- Villafranca, 263
- Villafranca Montes de Oca, Burgos, coin fd (CSI. 25), 506
- Villagarcía de Arosa, Pontevedra, coin hd (CSH. 26), 510
- Villalón de Campos, mint, 361, 366, 385, 393, 548; **704, 723**
- Villalpando, San Mamés, Burgos, coin hd (CSH. 98), 516
- Villareal, John Ramírez de, senior treasurer, Toledo mint, 380
- Villaronga, Leandre, numismatist, 588
- Villehardouin, family, 171
- Villena, 342–3
- Villoldo, Palencia, coin fd (CSI. 61), 509
- Vilosiu, Barcelona, coin fd (CI. 89), 493
- Vincent Ferrer, St, 143
- vintém, half-vintém, 480, 483, 574
- Violante, dau. of James I, 296, 309, 329
- virgin, facing figure, 85
 bust, 87
- Visigothic Spain, 1, 3, 96, 195, 207–8, 217
 Arab invasion and conquest, 711, 1, 6, 54, 3, 55, 56, 58, 195
 coinage as referent, 199, 207–8
 domains in the *Narbonensis*, 1
 domains in Septimania, 55
 liturgical rite, 217
- Vital, Nestor Fatia, numismatist, 485, 586
- Vitoria, Ordinance of, 1288, 312–13, 317–18
- Vives, Antonio, 220, 287
- Vizcaya, lords and lordship of, 310, 346
- Voltrera, Castell de, Barcelona, coin fd (CI. 90), 493
- wālis, Muslim, 3, 163
- warrior's head, as coin type, 57
- warrior, standing, coin type, 353–4
- weapons, exports, 51
- weight and monetary standards, 7, 9–11, 15–17, 25, 27–8, 117, 272, 422–5
 metrological standards, 16, 117, 353
- Welin, Linder, Arabist and numismatist, 60
- Welsh, 454
- Westminster, Treaty of, 1373, 444
- wheat exports, 51, 342
- Wifred *see under* Guifré
- William of Narbonne, 148
- William of Villehardouin, prince of Morea, 170
- Windsor, Treaty of, 1383, 457
- wool exports and wool trade, 51–2, 197–8
 English wool, 197
- Xàtiva, Valencia, coin fd (VI. 18), 502
- Yahya al-Mutali, 60
 Barcelona imitations of dinars of, 60
yantar, tax, 324
- Zalaca, battle of, 1086, 62, 218–19
- Zamora, 248, 367, 372, 444
 hd, 49, 516; (CSH. 99)
 bps of, 231
 c. of, 92
 cathedral, 263
 Cortes of, 323

886

Zamora (*cont.*)
 mint, 234, 237, 255, 263, 352, 361–2, 365, 367–8,
 372, 374, 385, 417–18, 424, 445, 447–8, 450,
 548–9; **591–2**, **630**, **889–90**, **892–3**
 monetary grant, 221, 234
 Zamora-Salamanca, coin hd (CSH. 60), 512
 Zaragoza, 117–18, 176, 189
 coin hd (AH. 1), 499

General index

conquest of, 103, 229
 mint, 68, 108, 110, 135, 193, 351, 352, 549;
238
 Saraqusta mint, **27–8**
 taifa kingdom, 61, 112; **27–28**
 Ziyanids, 54
 Zurita, Jeronimo, chronicler, 78, 101, 122
 Zwolle, 483

INDEX OF HOARDS AND SINGLE FINDS REPRESENTED IN THE CATALOGUE

References are to the coin numbers in the catalogue. For finds cited in the text, see the General Index.

Cyprus, 1972, off the coast (*Coin Hoards* 1975, 79, no. 311), 609, **41**

Gallipoli, found at, before 1926, **73**

'Recent hoard', 1957, 677, **85, 91-2**

'Rota' hoard (App. 1, CSH. 91), **657, 672-3, 725, 727, 763, 766, 768, 770, 780, 786**

Serra de Monderes, nr Alfarràs find (prov. Lleida, Catalonia), **54**

'Spain, found in,' before 1943, **55**

'Spanish' hoard, before 1976, **1003, 821**

Thames, found in, c. 1992, **1016**