

## GREEK NUMISMATICS

No bibliography of this, or any other branch of numismatics can pretend to comprehensiveness. Two extremely useful resources are:

*Numismatic Literature*, first a quarterly, then a semiannual bibliography published by the American Numismatic Society since 1947. Much of it is now available (starting backward from the current issue and forward from 1947) on the World Wide Web at <http://www.annumsoc.org>.

The *Surveys of Numismatic Research* have been published regularly by the International Numismatic Commission in connection with the septennial Congresses. These are

Paris 1953	Berne 1979
Rome 1961	London 1986
Copenhagen 1967	Brussels 1991
New York/Washington 1973	Berlin 1997
Madrid 2003	Glasgow 2009

Finally there are the *Dictionary Catalogue of the Library of the American Numismatic Society* and the *Dictionary and Auction Catalogues of the Library of the American Numismatic Society* (Boston, 1962-76 including supplements). Like other dictionary catalogues, these are no more than a photographic copy of the ANS Library's card catalogue at the date of publication. Though obviously outdated now, they preserve permanent information regarding older literature, and are particularly useful as the library analyzes periodical publications, so that a search under the appropriate subject heading produces a comprehensive bibliography of works on the subject.

### I. Introductions

- C. Howgego, *Ancient History from Coins* (London and New York, 1995).
- F. Rebuffat, *La monnaie dans l'antiquité* (Paris, 1996).
- H. Nicolet-Pierre, *Numismatique grecque* (Paris, 2002).

### II. Handbooks

- E. Babelon, *Traité de monnaies grecques et romaines* (4 vol. Paris, 1901-1933). Most important for vol. 1, *Théorie et doctrine*, with a history of numismatics.
- B. V. Head, *Historia Numorum*<sup>2</sup> (London, 1911, many times reprinted). (Head's classic is now being updated with a multi-volume set, e.g., K. Rutter, ed., *Historia Numorum. Italy* [London, 2001]. An online version of Head's work is also available: <http://www.snible.org/coins/hn/>).
- G. K. Jenkins, *Ancient Greek Coins* (London 1974, reissued 1990).
- C. M. Kraay, *Archaic and Classical Greek Coins* (Berkeley and London, 1976).
- O. Mørkholm, *Early Hellenistic Coinage* (Cambridge, 1991).
- H. Nicolet-Pierre, *Numismatique grecque* (Paris, 2002).
- C. T. Seltman, *Greek Coins*<sup>2</sup> (London, 1955).

*There are two beautiful presentations of Greek coins, mainly archaic and classical:*

P. R. Franke and M. Hirmer, *Die griechischen Münzen* (Munich, 1964).

C. M. Kraay and M. Hirmer, *Greek Coins* (London and New York, 1966). Contains the same plates as Franke/Hirmer, with different text.

### III. Aids

L. Anson, *Numismata Graeca: Greek Coin Types Classified for Immediate Identification* (6 vols. London, 1911).

W.E. Daehn, *Ancient Greek Numismatics: A Guide to Reading and Research: A Bibliography of Works Written in English with Summaries of their Contents* (Cold Springs, 2001).

W. Leschhorn and P. Franke, *Lexicon der Aufschriften auf griechischen Münzen* (2002).

J.R. Melville-Jones, *A Dictionary of Ancient Greek Coins* (London, 1986).

R. Plant, *Greek Coin Types and their Identification* (London, 1979).

*Additionally, there is a growing number of cooperative online projects that aim to provide resources for research in ancient Greek numismatics, e.g.:*

Cypriot Numismatic Project: <http://www.shc.ed.ac.uk/projects/cnp/>

Digital Coin Hoards: <http://nomisma.org/>

### IV. Major Collections

*Publications of individual collections are too numerous and too variable in quality to permit detailed listing. Most of the most important ones were published long ago. Degree of illustration, in general, varies inversely with age of publication:*

Brussels. P. Naster, *La collection Lucien de Hirsch* (Brussels, 1959).

F. de Callataÿ and J. van Heesch, *Greek and Roman Coins from the du Chastel Collection. Coin Cabinet of the Royal Library of Belgium* (London, 1999) (obviously an exception to the “long ago” rule).

Cambridge. S. W. Grose, *Catalogue of the McClean Collection of Greek Coins* (3 vols. Cambridge, 1923-1929). The most fully-illustrated of the older publications, with about 10000 pieces.

Glasgow. G. MacDonald, *Catalogue of Greek Coins in the Hunterian Collection* (3 vols. Glasgow, 1899-1905).

London. *Catalogues of Greek Coins in the British Museum* (27 vols. London, 1873-1927; see also *Price* under “Alexander the Great” below).

Paris. J. Babelon, *Catalogue de la collection de Luynes* (Paris, 1924-1936).

W. H. Waddington, E. Babelon and Th. Reinach, *Recueil général des monnaies grecques d'Asie Mineure* (Paris, 1904-1912; a second edition of vol. 1 appeared in 1923).

Boston. A. Baldwin Brett, *Catalogue of Greek Coins, Museum of Fine Arts, Boston*<sup>2</sup> (Boston, 1963)

*These traditional catalogues, with more text than illustration, have been largely superseded, since the 1930s, by catalogues in "Sylloge" format, with large folio or quarto plates accompanied by a minimum of description. The Sylloge Nummorum Graecorum series conforms to international standards and embraces both public and private collections. Over 20 countries from Britain to Israel have works in progress. The major ones are*

Cambridge	<i>SNG IV.1-12</i> including various named collections.
Copenhagen	<i>SNGCopenhagen</i> . 43 fascicules. Complete.
New York	<i>SNG-ANS (American Numismatic Society)</i> (8 fascicules to date) and <i>SNGBerry</i> (2 fascicules)
Munich	<i>SNGMunich</i> . 11 fascicules to date, mainly western mints.
Tübingen	<i>SNGTübingen</i> . 5 fascicules to date.
von Aulock	<i>SNGvonAulock</i> . The collection of Hans von Aulock; over 8000 coins of Asia Minor. The collection is now dispersed, though a major portion is in the British Museum.

*With the increasing popularity and efficiency of the internet, the printed Sylloge Nummorum Graecorum series will likely come to a halt; the ANS, for example, has no plans to produce future volumes. Instead, catalogues of collections are now being produced for the internet as searchable, illustrated databases. For example:*

ANS: <http://numismatics.org/collection/accnum/list>

Bode Museum (Berlin): <http://www.smb.museum/ikmk/>

Fitzwilliam (Cambridge): <http://www-cm.fitzmuseum.cam.ac.uk/coins/sng/>

*The percentage of ancient coins in major collections gets progressively smaller with new discoveries and the inability of these collections to compete in the marketplace, whether for financial or ethical reasons. The illustrated sale literature is therefore an important source of information; a useful bibliography of sale catalogues can be found in:*

P. Grierson, *Bibliographie Numismatique*<sup>2</sup> (Brussels, 1979).

*See also the online List of Numismatic Auction Catalogues and Fixed Price Lists:*

<http://www.fitzmuseum.cam.ac.uk/dept/coins/library/salecatalogue/>

*Some dealers and other interested parties also maintain searchable, archived websites:*

<http://www.vcoins.com/>

<http://www.wildwinds.com/coins/>

<http://www.coinarchives.com/>

<http://www.acsearch.info/index.html>

## V. Hoards

M. Thompson, O. Mørkholm, C.M. Kraay, *An Inventory of Greek Coin Hoards* (New York, 1973)

*Coin Hoards* 1-10 (1975-2010). A periodical published by the Royal Numismatic Society and now the American Numismatic Society.

See also: <http://nomisma.org>

## VI. History of Numismatics

- E. E. Clain-Stefanelli, "Numismatics—An Ancient Science. A Survey of its History," *Contributions from the Museum of History and Technology, Paper 32* (1968).
- F. D. Campbell, "Numismatic Bibliography and Libraries," *Encyclopedia of Library and Information Science* vol. 37, suppl. 2 (1984) pp. 1-39. Reprinted by *Numismatics International* (1986).

## VII. Coins and Texts

- J.R. Melville-Jones, *Testimonia Numaria: Greek and Latin Texts concerning ancient Greek coinage. Volume I: Texts and Translations* (London 1993); *Volume II: Addenda and Commentary* (London 2007).
- M. Tod, "Epigraphical notes on Greek coinage" in *Numismatic Chronicle* 1945, 1946, 1947, 1955, and 1960.

## VIII. Coinage in Fiscal and Monetary Systems

- A. Bresson, "Coinage and money supply in the Hellenistic Age," in: Z.H. Archibald, J.K. Davies, and V. Gabrielsen, *Making, moving, managing: the new world of ancient economies, 323-31 BC*, pp. 44-72. Oxford: Oxbow Books (2005).
- A. Bresson, *L'économie de la Grèce des cités. II. Les espaces de l'échange* (Paris, 2008). (especially chp. II: la monnaie et le crédit)
- F. de Callataÿ, "Fiscalité et monnayage dans l'oeuvre de Georges Le Rider." In: M. Amandry and S. Hurter, eds. *Travaux de numismatique grecque offerts à Georges Le Rider*, pp. 109-121. (London, 1999).
- F. de Callataÿ, "Guerres et monnayages à l'époque hellénistique. Essai de mise en perspective suivi d'une annexe sur le monnayage de Mithridate VI Eupator." In J. Andreau, P. Briant, and R. Descat, eds., *Économie antique. La guerre dans les économies antiques, Entretiens d'archéologie et d'histoire*, pp. 337-364. (Saint Bertrand-de-Comminges: musée archéologique départemental, 2000).
- F. de Callataÿ, *Quantifications et numismatique antique: choix d'articles (1984-2004)*. Collection Moneta, 2006).
- T. Figueira, *The power of money: coinage and politics in the Athenian Empire*. (Pennsylvania: University of Pennsylvania Press, 1998).
- W.V. Harris, ed. *The monetary systems of the Greeks and Romans* (Oxford, 2008).
- C. J. Howgego, "Why did ancient states strike coins?," *NC* 150 (1990), pp. 1-27. See also his *Ancient History from Coins* pp. 1-21.
- T. R. Martin, "Why did the Greek polis originally need coins?," *Historia* 45.3 (1996) pp. 257-283.
- K. Shipton and A. Meadows, eds., *Money and its uses in the Ancient Greek world* (Oxford 2001) (see also review by J.H. Kroll, *BMCR* 2002.07.24).
- D. Schaps, *The invention of coinage and the monetization of ancient Greece* (Ann Arbor, 2004).
- P.G. van Alfen, "Hatching owls: Athenian public finance and the regulation of coin production," in: F. de Callataÿ and E. Lo Cascio (eds.), *Quantifying monetary supplies in the Greco-Roman world* (Pragmateiai 19) (Bari, 2010).

R. W. Wallace, "The origin of electrum coinage," *AJA* 91 (1987) pp. 385-97.

See also the various articles in *Revue Belge Numismatique* vol. 155 (2009): "From mints to markets: the mechanisms of coin transformation in ancient times."

### **IX. The Beginning of Coinage and its Ramifications**

M. Balmuth, ed., *Hacksilber to Coinage: New Insights into the Monetary History of the Ancient Near East and Greece. ANS Numismatic Studies no. 24* (New York 2001).

H. Kim and J.H. Kroll. 2008. "A hoard of archaic coins of Colophon and unminted silver (CH I.3)," *American Journal of Numismatics* 20 (2008): 53-104.

C. M. Kraay, *Archaic and Classical Greek Coins* (Berkeley and London, 1976) ch. 2, pp. 20-40

—, "Hoards, Small Change and the Origin of Coinage," *JHS* 84 (1964) pp. 76-91.

J.H. Kroll, "Silver in Solon's Laws," in *Studies in Greek Numismatics in Memory of Martin Jessop Price*, ed. R. Ashton and S. Hurter, 225-32 (London, 1998).

J.H. Kroll, "The monetary use of weighed bullion in Archaic Greece," In: W.V. Harris, ed. *The Monetary Systems of the Greeks and Romans*, pp. 12-37 (Oxford, 2008).

J.H. Kroll, "Early Iron Age balance weights at Lefkandi, Euboea." *Oxford Journal of Archaeology* 27.1 (2008): 37-48.

G. Le Rider, *La naissance de la monnaie: pratiques monétaires de l'Orient ancien* (Paris 2001). (See also review by J.H. Kroll, *RSN* 80 [2001], 199-206).

M.S. Peacock, "The origins of money in Ancient Greece: the political economy of coinage and exchange." *Cambridge Journal of Economics* 30 (2006): 637-650.

D. Schaps, *The invention of coinage and the monetization of ancient Greece* (Ann Arbor, 2004).

C.M. Thompson, "Sealed silver in Iron Age Cisjordan and the 'invention' of coinage." *Oxford Journal of Archaeology* 22.1 (2003): 67-107.

See also the various articles in *Revue Numismatique* vol. 157, 2001.

### **Cultural Consequences**

F. de Callataÿ, "Sur les origines de la monnaie *stricto sensu* (*nomisma*). À propos de deux livres récents (S. von Reden et L. Kurke)," *RN* 157 (2001) pp. 83-93.

L. Kurke, *Coins, Bodies, Games and Gold: The Politics of Meaning in Archaic Greece* (Princeton 1999), Introduction to p. 23 (see also J.H. Kroll's review, *CJ* 96 [2000], pp. 85-90).

L. Kurke, "Money and Mythic History: The Contestation of Transactional Orders in the Fifth Century BC," in: W. Scheidel and S. von Reden, eds., *The Ancient Economy* (New York 2002), pp. 87-113.

R. Seaford, "Tragic Money," *JHS* 118 (1998) pp. 119-139.

R. Seaford, *Money and the Early Greek Mind: Homer, Philosophy, Tragedy* (Oxford, 2004).

S. von Reden, *Exchange in Ancient Greece* (London 1995) (see also J.H. Kroll's review *AJA* 101 [1997] pp. 175-176).

S. von Reden, "Money, Law and Exchange: Coinage in the Greek Polis," *JHS* 117 (1997) pp. 154-176.

S. von Reden, "Money in the ancient economy: a survey of recent research." *Klio* 84 (2002): 141-174.

### ***Early Electrum***

E.S.G. Robinson, "The Coins from the Ephesian Artemision Reconsidered," *JHS* 71 (1951) pp. 156-167. See also P. Jacobsthal, "The date of the Ephesian foundation-deposit," *JHS* 71 (1951) pp. 85-95.

—, "The Date of the Earliest Coins," *NC*<sup>6</sup> 16 (1956) pp. 1-8.

*On the Artemision finds see now:*

A. Bammer, "Gold und Elfenbein von einer neuen Kultbais in Ephesos," *JÖAI* 58 (1988) pp. 1-23.

—, "Neue Grabungen an der Zentralbasis des Artemision von Ephesos," *JÖAI* 58 Beiblatt (1988) pp. 1-32.

—, "Les sanctuaires des VIIIe et VIIe siècles à l'Artemision d'Éphèse," *RA* 1991.1 pp. 63-84.

—, "A peripteros of the geometric period in the Artemision of Ephesus," *AS* 40 (1990) pp. 137-160.

—, "Chronologische und stratigraphische Probleme der archaischen Kultanlagen von Ephesos," *Hephaistos* 5-6 (1983-1984) pp. 91-108.

O. Carruba, "Valvel e Rkalil: monetazione arcaica della Lidia. Problemi e considerazioni linguistiche," in: *Ermanno Arslan Studia Dicata*. Vol. I (Milano 1991, Glauk 7) pp. 13-23.

S. Karweise, "The Artemisium coin hoard and the first coins of Ephesus," *RBN* 137 (1991) pp. 1-28.

R. Wallace, "Kukalim, Walwet, and the Artemision deposit: problems in early Anatolian electrum coinages," in P. G. van Alfen, ed., *Agoranomia: studies in money and exchange presented John H. Kroll*. New York: American Numismatic Society (2006).

L. Weidauer, *Probleme der frühen Elctronprägung* (Typos 1, 1975). Review: C.M. Kraay, *Gnomon* 50 (1978) pp. 211-13.

### ***The Emergence of Gold and Silver Coinages***

M. Alram, "Dareikos und Siglos: ein Neuer Schatzfund Achaimenidischer Sigloi aus Kleinasien," *Res Orientales* V (1994) pp. 23-53.

N. Cahill and J.H. Kroll, "New archaic coin finds from Sardis," *AJA* 109.4 (2005): 589-617.

I. Carradice, "The 'regal' coinage of the Persian Empire," in: *Coinage and Administration in the Athenian and Persian Empires* (BAR International Series 343, 1987) pp. 73-93.

M. Cool Root, "Evidence from Persepolis for the Dating of Persian and archaic Greek coinage," *NC* 148 (1988) pp. 1-12.

P. Naster, "Remarques caractéroskopiques et technologiques au sujet des créseïdes," in: *Congresso Internazionale di Numismatica, Atti II* (Roma 1965) pp. 25-36.

M.J. Price, "Croesus or Pseudo-Croesus? Hoard or Hoax? Problems concerning the sigloi and double-sigloi of the Croeseid type," in: *Studies in Honor of Leo Mildenberg* (Wetteren 1984) pp. 210-221.

See also: *L'or perse et l'histoire grecque*, *REA* 91 (1989) 1-2.

### ***Bronze Coinages***

See the various articles in *Revue Numismatique* 1998.

### ***Imitative and Counterfeit Coinages***

C. Arnold-Biucchi, "Imitations of Greek Coinages." In: M. Amandry and D. Bateson, eds. *A Survey of Numismatic Research 2002-2009*, pp. 132-34. (Glasgow, 2009).

P.G. van Alfen, "Problems in ancient imitative and counterfeit coinage," in: Z.H. Archibald, J.K. Davies, and V. Gabrielsen, *Making, moving, managing: the new world of ancient economies, 323-31 BC*, pp. 322-354. Oxford: Oxbow Books (2005).

## **X. The Beginning of Silver Coinage in the Aegean and Mediterranean**

### ***General***

C.M. Kraay, *ACGC*, pp. 41-94.

### ***Aigina, Athens, Korinth, and the Cyclades***

C. Arnold-Biucchi, L. Beer-Tobey and N. M. Waggoner, "A Greek archaic silver hoard from Selinus," *ANSMN* 33 (1988) pp. 1-35.

H.A. Cahn, "Dating the early coinages of Athens," in: *Kleine Schriften zur Münzkunde und Archäologie* (Basel 1975) pp. 81-97.

C. Flament, *Le monnayage en argent d'Athènes: de l'époque archaïque à l'époque hellénistique (c. 550- c. 40 av. J.-C.)*. (Louvain-la-Neuve, 2007).

S. Gjongecaj and H. Nicolet-Pierre, "Le monnayage d'argent d'Égine et le trésor de Hollm (Albanie) 1991," *BCH* 119 (1995) pp. 283-332.

D. H. Kagan, "The dates of the earliest coins," *AJA* 86 (1982) pp. 343-360.

J.H. Kagan, "Paros, Melos, and Naxos: archaic and early classical coinages of the Cyclades." *American Journal of Numismatics* 20 (2008): 105-111.

C.M. Kraay, "The Archaic Owls of Athens: Classification and chronology" *NC*<sup>6</sup> 16 (1956) pp. 43-68.

—, "The Early Coinage of Athens: A Reply," *NC* (1962) pp. 417-423.

J. H. Kroll and N. M. Waggoner, "Dating the Earliest Coins of Athens, Corinth and Aegina," *AJA* 88 (1984) pp. 325-40.

J. H. Kroll, *The Athenian Agora - Vol. XXVI - The Greek Coins* (Princeton 1993) pp. 4-8 "Athenian Silver Coins"

J.H. Kroll, "Silver in Solon's Laws," in R. Ashton and S. Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London 1998), 225-32.

M. J. Price and N. M. Waggoner, *Archaic Greek Coinage. The Asyut Hoard* (London 1975).

K. Sheedy, *The archaic and early classical coinages of the Cyclades*. Royal Numismatic Society Special Publication 40. (London 2006).

***The Beginning of Coinage in the West***

- C. Arnold-Biucchi, L. Beer-Tobey and N.M. Waggoner, "A Greek Archaic Silver Hoard from Selinus," *AMSMN* 33 (1988) pp. 1- 35.
- C. Arnold-Biucchi, "The Beginnings of Coinage in the West: Archaic Selinus," in *Florilegium Numismaticum. Studia in Honorem U. Westermark Edita*. NM 38, (Stockholm 1992) pp. 13-19.
- S. Garraffo, *Le Riconiazioni in Magna Grecia e in Sicilia* (Studi e Materiali di Archeologia Greca 2, Università di Catania 1984).
- G. Gorini, *La monetazione incusa della Magna Grecia* (Bellinzona 1975).
- R. R. Holloway, "La ricerca attuale sull'origine della moneta," *RIN* 80 (1978) pp. 7-14.
- , *The Archaeology of Ancient Sicily* (London and New York 1991) pp. 121-125.
- C. M. Kraay, "Caulonia and South Italian Problems," *NC* (1960) pp. 55-82.
- , *Archaic and Classical Greek Coins* (London, 1978) pp. 312-328.
- , *The Archaic Coinage of Himera* (Naples, 1984).
- G. Le Rider, "À propos d'un passage des *Poroi* de Xénophon: La question du change et les monnaies incuses d'Italie du Sud," *KME* (Louvain 1989) pp. 159-172.
- S. P. Noe, *The Coinage of Caulonia* (ANS NS 9, 1958).
- , *The Coinage of Metapontum. Parts 1 and 2*, with Additions and Corrections by A. Johnston (ANS, New York 1984).
- K. Rutter, ed., *Historia Numorum. Italy* (London, 2001).
- R. T. Williams, *The Silver Coinage of Velia* (Royal Numismatic Society, Special Publication No. 25, London, 1992).

***The Beginning of Coinage in the East***

- J.W. Betylon, *The coinage and mints of Phoenicia: the pre-Alexandrine period* (Harvard Semitic Monographs 26, 1982).
- O. Casabonne, ed., *Mecanismes et Innovations Monétaires dans l'Anatolie Acheménide: Numismatique et Histoire. Actes de la Table Ronde Internationale d'Istanbul, 22-23 mai 1997*. Varia Anatolica XII.
- O. Casabonne, *La Cilicie à l'époque achéménide* (Paris: De Boccard, 2004).
- I. Carradice, ed., *Coinage and Administration in the Athenian and Persian Empires* (BAR International Series 343, 1987).
- J. Elayi and A.G. Elayi, *Le monnayage de la cité phénicienne de Sidon à l'époque Perse (Ve-IVe s. av. J.-C.)*. (Paris: Supplément no. 11 à Transeuphratène, Gabalda, 2001).
- J. Elayi and A.G. Elayi, *The coinage of the Phoenician city of Tyre in the Persian period (5<sup>th</sup> 4<sup>th</sup> cent. BCE)*. Studia Phoenicia XX. (Leuven-Paris-Wadpole, MA.: Peeters, 2009).
- H. Gitler and O. Tal. *The coinage of Philistia of the fifth and fourth centuries BC: a study of the earliest coins of Palestine*. (Milan/New York: Edizioni Ennere/Amphora, 2006).
- C.M. Harrison, *Coins of the Persian satraps* (Ph.D. diss., University of Pennsylvania, 1982).
- M. Huth and P.G. van Alfen, eds. *Coinage of the Caravan Kingdoms: studies in the monetization of ancient Arabia* (New York: American Numismatic Society, 2010).
- W. Weiser, "Die Eulen von Kyros dem Jüngeren: zu den ersten Münzporträts lebender Menschen." *Zeitschrift für Papyrologie und Epigraphik* 76 (1989): 267-296.
- P.G. van Alfen, "The 'owls' from the 1989 Syria hoard with a review of pre-Macedonian coinage in Egypt." *American Journal of Numismatics* Second series 14 (2002): 1-58.



P.G. van Alfen, "Herodotus' "Aryandic" Silver and Bullion Use in Persian-Period Egypt." *American Journal of Numismatics* Second series 16/17 (2004/5): 7-46.

See also the indices of the journal *Transeuphratène*.

## **XI. Cooperative Coinages**

E. Mackil and P.G. van Alfen, "Cooperative coinage," in: P.G. van Alfen, ed., *Agoranomia: studies in money and exchange presented to John H. Kroll*. (New York: American Numismatic Society, 2006).

S. Psoma and D. Tsangari. "Monnaie commune et états fédéraux. La circulation des monnayages frappés par les états fédéraux du monde grec." In: K. Buraselis and K. Zoumboulakis, eds. *The idea of European community in history. Volume II: aspects of connecting poleis and ethne in ancient Greece*, pp. 111-42. (Athens: National and Capodistrian University of Athens, 2003).

See also:

C. M. Kraay, *ACGC* (1976)

1) Arkadian Koinon, pp. 97 ff.

2) Boiotian Koinon, pp. 113 ff.

3) Khalkidian Koinon, pp. 145 ff.

O. Mørkholm, *Early Hellenistic Coinage* (Cambridge 1991)

4) Aitolian Koinon, pp. 150-152

5) Akhaian Koinon, p.154

### ***Arkadian Koinon***

R. T. Williams, *The Confederate Coinage of the Arcadians in the Fifth Century B.C.*, *ANSNM* 155 (1965).

### ***Boiotian Koinon***

B. V. Head, *On the chronological sequence of the coins of Boeotia* (London 1881).

J. Ducat, "La confédération béotienne et l'expansion thébaine à l'époque archaïque," *BCH* 97 (1973) pp. 59-73.

R. Étienne et Denis Knoepfler, "Le monnayage d'Hyettos à l'époque archaïque," *BCH Suppl.* 3 (1976) pp. 383-390 and 400.

### ***Khalkidian Koinon***

D. M. Robinson and P. A. Clement, *The Chalcidic Mint* (Excavations at Olynthus, Part 9, Baltimore 1938) pp. 1-213.

U. Westermark, "The coinage of the Chalcidian League reconsidered," in: *Studies in Ancient History and Numismatics presented to Rudi Thomsen* (Aarhus, 1988) pp. 91-102.

S. Psoma, *Olynthe et les Chalcidiens de Thrace: études de numismatique et d'histoire* (Franz Steiner 2001).

***Lykian Koinon***

H. A. Troxell, *The Coinage of the Lycian League*, ANSNNM 162 (New York, 1982) Period II: pp. 1-98 and 227-234.

***Akhaian Koinon***

M. Thompson, *The Agrinion Hoard*, ANSNNM 159 (New York, 1968) pp. 85-104.

J. A. W. Warren, "Towards a resolution of the Achaean League silver coinage controversy: some observations on chronology," in: *Essays in Honour of Robert Carson and Kenneth Jenkins*, ed. by M. Price, A. Burnett and R. Bland (London, 1993) pp. 87-99.

J. A. W. Warren, *The bronze coinage of the Achaian Koinon: the currency of a federal ideal* (Royal Numismatic Society 2007).

**XII. Alexander the Great**

C. Arnold-Biucchi, *Alexander's Coins and Alexander's Image* (Harvard 2006).

A. R. Bellinger, *Essays in the Coinage of Alexander the Great* (Numismatic Studies 11, New York, 1963).

K. Dahmen, *The Legend of Alexander the Great on Greek and Roman Coins* (Routledge 2007).

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G. Kleiner, *Alexanders Reichmünzen* (Berlin, 1949).

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L. Müller, *Numismatique d'Alexandre le Grand* (Copenhagen 1855)

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See also the Roman Provincial Bibliography.

*Carmen Arnold-Biucchi, January, 2000*  
*(updated and expanded, May, 2010, by Peter van Alfen)*