

Kenneth Jonsson, The Liffride hoard, *Viking-Age hoards and late Anglo-Saxon coins*, Stockholm 1987.

THE LIFFRIDE HOARD

In 1974, during excavations conducted in a grave-field on Liffride 5:1, Lärbro par., Gotland (G 118), a Viking-age hoard was found as a later deposit in the peripheral area of a grave dating from the Bronze age or early Iron age (Gerdin 1974). The concealment of the treasure so near to the actual grave was probably accidental. No trace of a container was found but the 131 coins and hacksilver which made up the hoard were found very close together, the size of a fist. It is very unusual indeed to find a hoard during archaeological excavations and it permits one to be sure that every single coin in the original treasure has been recovered. If the coins are divided by countries the following summary can be made.

Arabic dynasties	28
Byzantine Empire	3
Germany	50
Bohemia	1
England	40
Scandinavia	8
Sweden	1
Total	131

The latest German coin is struck for Heinrich III 1026-39, and the latest Anglo-Saxon is a penny of Cnut's Pointed Helmet type struck c. 1023-29. The dates agree very well and the hoard was probably deposited in the second half of the 1020s.

A summary of the Anglo-Saxon part is given below.

	Æthelred II					Cnut			
	FH	SH	C	LC	H	LSC	Q	PH	
Bedford	-	-	-	1	-	-	-	-	1
Canterbury	-	-	3	1	-	-	-	-	4
Chester	-	-	1	-	-	-	-	-	1
Dorchester	-	-	1	-	-	-	-	-	1
Exeter	-	-	1	-	-	-	-	-	1
Ipswich	-	-	1	-	-	-	-	-	1
Lincoln	-	-	-	3	-	-	-	-	4
London	1	1	3	3	-	-	-	-	8
Lydford	1	-	-	-	-	-	-	-	1
Maldon	-	-	1	-	-	-	-	-	1
Nottingham	-	-	1	-	-	-	-	-	1
Oxford	-	-	-	1	-	-	-	-	1
Shrewsbury	-	-	-	2	-	-	-	-	2
Southwark	-	-	1	-	-	-	-	-	1
Thetford	-	-	2	-	-	-	-	-	2
Totnes	-	-	-	1	-	-	-	-	1
Wareham	-	-	1	-	-	-	-	-	1
Warminster	-	-	-	1	-	-	-	-	1
Warwick	-	-	-	1	-	-	-	-	1
Wilton	-	-	1	1	-	-	-	-	2
Winchester	-	-	2	1	-	-	-	-	3
York	-	-	1	-	-	-	-	-	1
Total	2	1	20	16	-	-	-	1	40

The chronological distribution is very strange to say the least, as there are no coins struck between c. 1003 and c. 1023 i.e. two full decades. With the ex-

ception of the single penny of Cnut the Anglo-Saxon element would give every indication of a concealment in the early 1000s.

The German coins are not as easy to date and here one can only use the regnal dates for the individuals who issued the coins. The ten latest rulers (including Bohemia) are the following.

Bernhard I	973-1011
Dietrich	984-1026
Liutolf	987-996
Adelheid	991-1040
Adalbero	999-1025
Vladivoj	1002-1003
Dietrich II	1005-1046
(Heinrich II)	1014-1024
Konrad II	1024-1027
Heinrich III	1026-1039

Even if it is not normally possible to tell whether a given type was struck early or late during a reign, the pattern here resembles that of the Anglo-Saxon part and is hardly coincidental with many dates commencing in the 990s and 1000s but only one in the 1010s and two in the 1020s respectively. The composition of the German part with its high proportion of Otto-Adelheid-Pfennige (56%) is also more consistent with a deposition about 1000 or shortly later. There is also no 'normal' reason why the hoard should not include many coins from the period c. 1005-25 as they are very common in other hoards.

It is evident that the coins in the hoard were mainly accumulated in the 990s and the early part of the 1000s, and that only a limited number were added during the next two decades. There may even have been just the one addition in the late 1020s consisting of probably fewer than 10 coins.

During the excavations carried out on old sites on Gotland in the last decade it has become increasingly apparent that the great majority of the hoards were concealed within former buildings and that there are also often stray-finds at these settlements (Östergren 1983). The problem is that the stray-finds are only recognized when there is a wide chronological difference between them and the coins in the hoard found in the same area; e.g. German coins from c. 1050 found in the same area as a hoard with Arabic coins deposited c. 960. It is bound to happen sometimes that stray coins chronologically come very close to the coins in the hoard and sometimes will be taken to be part of the hoard. This will mean that the t.p.q. is placed later than it should be and it is of course a problem that is often impossible to solve. The Liffride hoard is very important in this respect in view of its well documented discovery, because it shows that small parcels of a late character can form part of a hoard that otherwise has a very homogeneous composition.

One additional factor that should be considered is of course the size of the hoard. The Liffride hoard with 131 coins is small, the more so in view of the fact

that coins from seven countries are involved. It is reasonable to assume that the larger the hoard the more accurate the t.p.q. will be. In order to investigate this all the hoards found in Sweden and Denmark where the German (or sometimes Danish etc.) and the Anglo-Saxon t.p.q. differ more than 10 years are listed below. All hoards containing fewer than 10 Anglo-Saxon coins are excluded as are all hoards with a t.p.q. later than 1055 as there was only a very limited import of Anglo-Saxon coins in the following period.

	T.p.q.			
	Others	A/S	Findspot	Region
DS 46	1002	985	Assartorp	Sk
G 68	1002	991	Hallsarve	G
S 38	1002	991	Kvarngärdet	Sö
DS 47	1002	991	Sturkö	Bl
G 87	991	1009	Riddare	G
S 45	1011	997	Tekn. Högskolan	Up
S 51	1018	1003	Karlberg	Up
G 104	1018	1003	L. Mickelgårds	G
DS 77	1028	1009	Villie	Sk
G 132	1031	1009	Valdarve	G
G 137	1036	1009	Fragsarve	G
G 138	1036	1023	Myrände	G
G 144	1039	1017	L. Klintegård	G
S 88	1047	1023	Undrom	Ån
G 158	1047	1029	Enge	G
G 163	1035	1048	L. Valla	G
DS 114	1051	1029	Börringe	Sk

In all but two hoards (Riddare and L. Valla) the German t.p.q. is the later one. The hoards can be divided basically into two groups. The first consists of finds where the composition shows that there was a period when the coins were more or less evenly accumulated followed by a period of sporadic (minor) additions. The second includes hoards with the same pattern except that the second stage shows a continued even accumulation but consisting only of German coins while Anglo-Saxon are absent.

The division between the two groups is sometimes open to debate but in principle the following hoards belong to the first group. The Sturkö find has 111 described German coins of which 57 are Otto-Adelheid which leaves only 54 coins on which to base the t.p.q. and the possibility of a late parcel cannot be excluded. The L. Mickelgårds find has a homogeneous composition ending in the early 1000s (Anglo-Saxon t.p.q. 1003, German t.p.q. 1002), with the exception of a Danish coin of Knud, which certainly indicates a late addition. In the hoard from Villie the composition of the described German coins (187 out of 689) shows an accumulation in the 990s and 1000s for the majority of the coins. The Valdarve hoard has an exceptional concentration of Last Small Cross among the Anglo-Saxon and the geographical distribution furthermore shows that they were accumulated locally in England to a very high degree. The consequently comparatively few German coins certainly

indicate that they were mainly accumulated in the 990s and 1000s with only an odd late coin which however could be a stray find from a settlement. It is a classic example of the case that a nominally high figure for the number of coins can be very misleading when it comes to judging the t.p.q. In the large hoard from Myrände the composition of the 1,216 German coins shows an even accumulation up to the mid 1020s while the coins covering the last decade up to t.p.q. 1036 are very few. Undrom is very large where however only 149 of originally 1,086 German coins are described, and there is therefore much uncertainty about the composition of the German element; but what is described indicates late parcels.

For a few hoards it is difficult to establish whether they belong to the first or second group because so few coins have been described. In Assartorp the German element indicates that among the Anglo-Saxon coins the two substantial issues Crux and Long Cross should have been present which is hard to explain. Unfortunately only 68 of 315 German coins are described so that the possibility of late parcels must remain uncertain. The hoard from Riddare is partly dispersed and only 9 German coins are among the ones which are known. With so few coins the difference in t.p.q. is easy to explain. The treasure discovered at Tekn. Högskolan is also very small with only 59 coins in all and it leaves much to chance when no country accounts for more than 26 coins. In Böringe the t.p.q. is determined by one of the German coins. The circumstances of discovery are unknown and it is uncertain whether the known coins represents the entire hoard or just a part of it.

The last group includes some hoards (especially Fragsarve and L. Klintegård) where the composition is hard to explain. Hallsarve is an early hoard belonging to this group and the German coins show an even accumulation. The solution may lie in the fact that the Anglo-Saxon coins are only listed partially. It is not impossible that Long Cross was present among the coins that were not listed. In Kvarngärdet some Long Cross pennies would have been expected judging from the German coins and their absence may be due to chance. The Karlberg hoard ends with a Danish coin of Knud 1018-35 and there are many German coins with t.p.q. in the late 1000s and early 1010s. The lack of Æthelred II's Last Small Cross issue c. 1009-17 is at first glance strange but the coins of this issue in Scandinavian finds are normally found in numbers only in relatively late hoards which would indicate that they were also imported at a late date. It could explain their absence in the Karlberg hoard. In Fragsarve 10% of the German coins have a t.p.q. that is later than the Anglo-Saxon t.p.q. with five in the 1010s, five in the 1020s and one in the 1030s. This would certainly rule out the possibility of the inclusion of stray finds. The next find (L. Klintegård) is very peculiar as the German coins have a very homogeneous composition up to t.p.q. 1039 with numerous coins in the 1030s. In contrast to this the 478 Anglo-

Saxon coins end as early as 1017.

The survey shows that even in large or very large hoards the size can be misleading as the build-up phase can be supplanted by one or more small parcels that can be much later. In judging t.p.q. it is in other words important to get an overall view of the composition of the hoard. One further example of how a hoard can be built up is offered by the Äspinge find, where the t.p.q. should not offer any problems in view of its extreme size with 8,445 coins. However a detailed analysis shows that the coins that actually determines the t.p.q. for the Anglo-Saxon part are very few.

There is also recorded (Steffen 1928) a story of how the composition of one hoard (L. Klintegård - G

129) was tampered with before the coins were redeemed. In this case the Anglo-Saxon coins in the original hoard were replaced by mainly German coins which belonged to parcels from the Stale (G 181) and Tomsarve (G 216) hoards, which had been returned to the finders. This made the t.p.q. dramatically different as especially the Tomsarve hoard is one of the latest on Gotland. The now formal t.p.q. of 1090 would be c. 1029 (based on the Anglo-Saxon coins) if this substitution had not taken place. One must hope that incidents like this one are unique exceptions to the rule.

The coins in the Liffride hoard are listed below, where the Arabic coins have been attributed by Gert Rispling.

ARABIC DYNASTIES**'Abbasid**

1	Harun al-Rashid. al-Muhammadiyah 186. Tbg NC Cl II 197	2,87 g
2	Mutawakkil. Madinat al-Salam 242. Tbg Symb. II 49	2,84 g
3	al-Mu'tazz. Surra man ra'a 251. Tbg NC Cl II 371	2,83 g
4	Undeterminable c. 230-260	2,84 g
5	al-Radi. Madinat al-Salam 327. Tbg Symb. II 69	3,38 g
6	al-Muttaqi. Basrah 330. Tbg NC Cl II 519	3,02 g
7	al-Mustakfi. Madinat al-Salam 334. Tbg NC Cl II 525	2,89 g

Samanid

8	[Isma'il] ibn Ahmad, al-Muktafi. [Nays]abur 294. Tbg NC Cl IX 96	1,08 g
9	Isma'il ibn Ahmad, al-Mu'tadid billah. al-Shash 286. Tbg NC Cl IX 24	2,64 g
10	[Nasr ibn Ahmad], [?]. al-Shash 288/289.	0,83 g
11	Isma'il ibn Ahmad, al-Mu'tadid. al- Shash 289. Tbg NC Cl IX 38	2,87 g
12	Isma'il ibn Ahmad, al-Muktafi. al-Shash 290. Tbg NC Cl IX 44	2,83 g
13	Ahmad ibn Ism[a'il], al-Muqtadir. [Balkh] 297. Tbg NC Cl IX 133	1,63 g
14	Ahmad ibn Isma'il, al-Muqtadir. Samar- qand 298. Tbg NC Cl IX 148	2,87 g
15	[Ahmad] ibn Isma'il, [al-Mukta]fi. al- Shash [29]5. Tbg NC Cl IX 111	1,71 g
16	[Nasr ibn Ahmad], caliph? An[darabah] year? Cf. NC Cl IX 411	1,47 g
17	Nasr ibn Ahmad, al-Muqtadir. Samar- qand 305. Tbg NC Cl IX 263 var.	2,77 g
18	Nasr ibn Ahmad, (al-Muqtadir). Samar- qand 317. Tbg NC Cl IX 388	2,92 g
19	Nasr ibn Ahmad, al-Muqtadir. al-Shash 303. Tbg NC Cl IX 245 var.	2,86 g
20	Nasr ibn Ahmad, al-Muqtadir. al-Shash 308. Tbg NC Cl IX 292	2,51 g
21	Nuh ibn Nasr, al-Mustakfi. Bukhara 338. Tbg NC Cl IX 516	3,42 g

Hamdanid

22	'Uddat al-dawlah Abu Taghlib, al-Muti'. [al-Mawsil] 363/366	3,59 g
----	--	--------

Uqalid

23	Husam ad-dawlah, al-Mawsil, 389. Cf. BMCO III:45	2,76 g
----	---	--------

Volga-Bulghar

24	'Isma'il ibn Ahmad, al-Muktafi. al- Shash 283.' Struck c. 310	2,61 g
25	Talib ibn Ahmad, al-Mustakfi. Suwar 347. BMCO II 431	3,13 g

Imitations

26	Two abbasid reverses. Struck c. 260-280	2,72 g
27	'Ahmad ibn Is[ma'il], al-Muqtadir. al- Shash 299.' Struck c. 310	1,03 g
28	'Nasr ibn Ahmad.' Blundered	1,26 g

BYZANTINE EMPIRE**Basil II 976-1025**

29	Constantinople. Grierson 1973, 18a.1	2,91 g
30	Grierson 1973, 18a.1	2,78 g
31	Grierson 1973, 20	1,35 g

DEUTSCHES REICH**OBERLOTHRINGEN****Metz (Bischof)**

32	Adalbero I 929-964. Dbg 11	1,14 g
33	Dietrich II 1005-1046. Dbg 24a	1,39 g

Adernach (Herzog von Oberlothringen)

34	Dietrich 984-1026. Dbg 437	1,30 g
----	----------------------------	--------

NIEDERLOTHRINGEN**Westniederlothringischer Raum****Münzstätte? (Flandern)**

35	Nachprägung zu Köln. Häv. 54	0,76 g
----	------------------------------	--------

Brüssel?

36	Nachprägung zu Köln. Vgl. Häv. 184.	1,23 g
----	-------------------------------------	--------

Maaslande**Maastricht (König/Kaiser)**

37	Kg/K. Heinrich II 1002-1024. Dbg 244	1,14 g
----	--------------------------------------	--------

Kölner Raum**Köln (König/Kaiser)**

38	Kg Otto I 936-962. Häv. 29	1,26 g
39	Häv. 34	1,77 g
40	Häv. 34	1,45 g

41	Nachprägung (K. Heinrich II 1014-24). Häv. 170	1,31 g
----	---	--------

Friesischer Raum**Münzstätte? (Ostfriesland)**

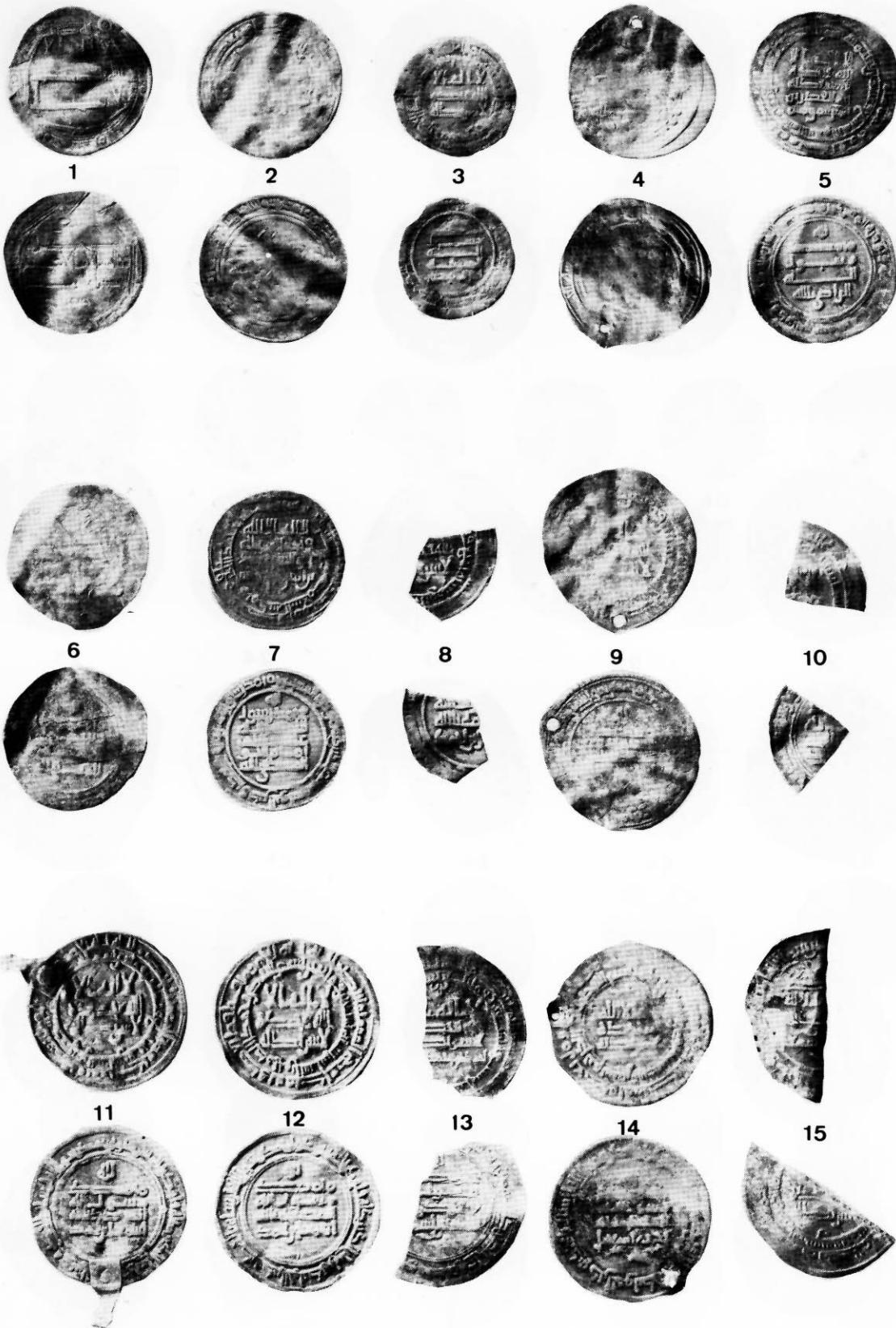
42	Münzherr? (975-1000). Dbg 1309	0,76 g
43	Dbg 1309	0,62 g
44	Dbg 1309	0,61 g

SACHSEN**Niedersachsen****Lüneburg (Herzog von Sachsen)**

45	Bernhard I 973-1011. Dbg 587. Rs. ohne Prägung	1,29 g
----	---	--------

(Goslar) (König/Kaiser)

46	Otto-Adelheid-Pf. (991-1040). Hz III, 4b	1,39 g
47	Hz III, 6a	1,55 g
48	Hz III, 6h	1,71 g





16



17



18



19



20



21



22



23



24



25



26



27



28



29



30



49	Hz III, 6h	1,02 g	ENGLAND
50	Hz III, 7a	1,76 g	ÆTHELRED II 978-1016
51	Hz III, 7a	1,63 g	First Hand
52	Hz III, 7a	1,51 g	83 London, Wnsige. Hd 2955 1,53 g
53	Hz III, 7a	1,45 g	84 Lydford, Æthelred. Hd 3026 var. obv. a 10 1,34 g
54	Hz III, 7i	1,78 g	
55	Hz III/IV	1,70 g	Second Hand
56	Hz III/IV	1,48 g	85 London, Oscytel. Hd 2849 1,37 g
57	Hz III/IV	1,32 g	
58	Hz III/IV	1,28 g	Crux
59	Hz IV, 5ag	1,90 g	86 Canterbury, Eadwold. Hd 146 1,32 g
60	Hz IV, 5g	1,51 g	87 Leofstan. Hd 219 1,26 g
61	Hz IV, 5g	1,45 g	88 Lifinc. Hd 233 1,37 g
62	Hz IV, 5g	1,40 g	89 Chester, Riculf. Hd 1561 1,74 g
63	Hz IV, 5	1,61 g	90 Dorchester, Wulfnoth. Hd 436 1,45 g
64	Hz IV, 5	1,53 g	91 Exeter, Edric. Hd 518 1,61 g
65	Hz IV, 5	1,41 g	92 Ipswich, Lyleman. Hd 1086 1,61 g
66	Hz IV, 5/6	1,31 g	93 London, Ælfgar. Hd 2038 1,46 g
67	Hz IV, 6/7	1,40 g	94 God. Hd 2519 1,41 g
68	Hz IV, 8a	1,27 g	95 Osmund. Hd 2868 1,21 g
69	Hz IV, 15c	1,34 g	96 Maldon, Leofwine. Hd 3078 1,11 g
70	Hz IV, 17c	1,30 g	97 Nottingham, Oswold. Hd 3415 1,44 g
71	Hz IV, 17k	1,13 g	98 Southwark, Byrlaf. Hd 3598 var. M:O 1,60 g
72	Hz IV, 17k?	1,53 g	99 Thetford, Eadgar. Hd 3699 1,65 g
73	Hz IV, 19	1,30 g	100 Edwerd. Hd 3722 1,35 g
			101 Wilton, Boga. Hd 3991 var. BOGA 1,68 g
			102 Winchester, Leofwold. Hd 4276 1,64 g
74	Münzherr? Dbg 643	1,31 g	103 Wynstan. Hd 4342 1,68 g
75	Dbg 643	1,22 g	104 York, Hundulf. Hd 738 1,63 g
	Ostfalen		
	Magdeburg		
76	Kg Konrad II 1024-1027. Dbg 789	0,99 g	Transitional Crux
	FRANKEN		105 Wareham, Ælfgar. Hd —. Obv a 10, ÆLFGARMΩOPER. Without sceptre and diadem 1,45 g
	Mainz (König/Kaiser)		
77	K. Otto II/III 973-1002. Dbg 842	1,06 g	
	SCHWABEN		
	Basel (Bischof)		
78	Adalbero II 999-1025. Dbg 972	0,75 g	Long Cross
	BAYERN		106 Bedford, Leofnoth. Hd 89 1,82 g
	Regensburg (König/Kaiser)		107 Canterbury, Eadwold 1,33 g
79	Kg Heinrich III 1026-1039. Dbg 1083a var. Hahn 38A. Jonsson 1981B, S. 73	1,26 g	108 Lincoln, Grim. Hd 1788 1,77 g
			109 Grim. Hd 1788 1,72 g
			110 Sumerleth. Hd 1909 1,35 g
			111 London, Æthelwerd. Hd 2169 1,42 g
			112 Edwine. Hd 2490 1,77 g
			113 Leofric. Hd 2694 1,63 g
			114 Oxford, Godinc. Hd 3254 var. obv a 5 1,69 g
			115 Shrewsbury, Brungar. Hd 3366 var. M:O 1,77 g
			116 Wynsige. Hd 3386 var. obv. a 9 1,80 g
			117 Totnes, Ælfstan. Hd 3835 1,74 g
			118 Warminster, Alfwoold. Hd 4345 1,75 g
			119 Warwick, Æthestan. Hd 3869 1,61 g
			120 Wilton, Sæwine. Hd 4018 var. obv. a 9 1,76 g
			121 Winchester. Alfwoold. Hd 4100 1,71 g
	Augsburg (Bischof)		
80	Liutolf 987-996. Dbg 1023a var. Hahn 138 al	1,43 g	CNUT 1016-1035
	UNBESTIMMT		
81	Unkenntlich	1,20 g	Pointed Helmet
	BÖHMEN		
	Prag		
82	Hg Vladivoj 1002-1003. Cach 219	1,09 g	122 Lincoln, Leofwine. Hd 1618 var. obv. a 2, rev. OLINCO 1,10 g



52



53



54



55



56



57



58



59



60



61



62



63



64



65



66



67



68



69



70



71



72



73



74



75



76



77



78



79



80



81



82



83



84



85



86



87



88



89



90



91

1,00 g
ETHIOPIA
Ethiopian
London
Lydford
Second Half
London
Cross
Canterbury, 1066-1100, Hd 140
1,41 g
Hd 179
1,40 g
Hd 189
1,61 g
Hd 190
1,23 g
Easter, 1066-1100,
Maldon, 1066-1100
Nottingham, 1066-1100
Southwark, 1066-1100
Tostes, 1066-1100
Witney, 1066-1100
Winchester, 1066-1100

Second Half
London
Cross
Canterbury, 1066-1100, Hd 140
1,41 g
Hd 179
1,40 g
Hd 189
1,61 g
Hd 190
1,23 g
Easter, 1066-1100,
Maldon, 1066-1100
Nottingham, 1066-1100
Southwark, 1066-1100
Tostes, 1066-1100
Witney, 1066-1100
Winchester, 1066-1100

1,41 g
Hd 179
1,40 g
Hd 189
1,61 g
Hd 190
1,23 g
Easter, 1066-1100,
Maldon, 1066-1100
Nottingham, 1066-1100
Southwark, 1066-1100
Tostes, 1066-1100
Witney, 1066-1100
Winchester, 1066-1100

1,41 g
Hd 179
1,40 g
Hd 189
1,61 g
Hd 190
1,23 g
Easter, 1066-1100,
Maldon, 1066-1100
Nottingham, 1066-1100
Southwark, 1066-1100
Tostes, 1066-1100
Witney, 1066-1100
Winchester, 1066-1100

1,41 g
Hd 179
1,40 g
Hd 189
1,61 g
Hd 190
1,23 g
Easter, 1066-1100,
Maldon, 1066-1100
Nottingham, 1066-1100
Southwark, 1066-1100
Tostes, 1066-1100
Witney, 1066-1100
Winchester, 1066-1100

Traditional Cross
1,41 g
Hd 179
1,40 g
Hd 189
1,61 g
Hd 190
1,23 g
Easter, 1066-1100,
Maldon, 1066-1100
Nottingham, 1066-1100
Southwark, 1066-1100
Tostes, 1066-1100
Witney, 1066-1100
Winchester, 1066-1100

1,41 g
Hd 179
1,40 g
Hd 189
1,61 g
Hd 190
1,23 g
Easter, 1066-1100,
Maldon, 1066-1100
Nottingham, 1066-1100
Southwark, 1066-1100
Tostes, 1066-1100
Witney, 1066-1100
Winchester, 1066-1100

1,41 g
Hd 179
1,40 g
Hd 189
1,61 g
Hd 190
1,23 g
Easter, 1066-1100,
Maldon, 1066-1100
Nottingham, 1066-1100
Southwark, 1066-1100
Tostes, 1066-1100
Witney, 1066-1100
Winchester, 1066-1100

1,41 g
Hd 179
1,40 g
Hd 189
1,61 g
Hd 190
1,23 g
Easter, 1066-1100,
Maldon, 1066-1100
Nottingham, 1066-1100
Southwark, 1066-1100
Tostes, 1066-1100
Witney, 1066-1100
Winchester, 1066-1100

1,41 g
Hd 179
1,40 g
Hd 189
1,61 g
Hd 190
1,23 g
Easter, 1066-1100,
Maldon, 1066-1100
Nottingham, 1066-1100
Southwark, 1066-1100
Tostes, 1066-1100
Witney, 1066-1100
Winchester, 1066-1100

1,41 g
Hd 179
1,40 g
Hd 189
1,61 g
Hd 190
1,23 g
Easter, 1066-1100,
Maldon, 1066-1100
Nottingham, 1066-1100
Southwark, 1066-1100
Tostes, 1066-1100
Witney, 1066-1100
Winchester, 1066-1100



92



93



94



95



96



97



98



99



100



101



102



103



104



105



106





112



113



114



115



116



117



118



119



120



121



122



123



124



125



126



127



128



129



130



131



SCANDINAVIA?			
Imitations of Anglo-Saxon Type			
<i>Æthelred II</i>			
Long Cross			
123 'Sigtuna, Nhtinc.' LL 33. SCBI Cop II, 1484	1,88 g	128 Blundered. Square flan 129 Blundered	2,96 g 2,55 g
124 Blundered	1,45 g	130 Blundered. Rightfacing bust	1,93 g
125 Blundered. Square flan	2,01 g		
126 Blundered. Square flan	1,76 g		
127 Blundered	1,83 g		
		SWEDEN	
		OLOF SKÖTKONUNG 994-1022	
		Crux/Small Cross mule	
		131 Sigtuna. LL 26	2,31 g

BIBLIOGRAPHY AND ABBREVIATIONS

- Arbman *H. Arbman*, Birka I. Text. Uppsala 1943.
- Bahrfeldt *E. Bahrfeldt*, Der Silberfund von Leisso-wer Mühle. Berlin 1896.
- Bendixen *K. Bendixen*, Nyt stort skattefund fra tidlig middelalder. Nyt fra Nationalmuseet, De-cember 1980, January and February 1981, No. 9, p. 7.
- Blackburn 1981 *M. Blackburn - K. Jonsson*, The Anglo-Saxon and Anglo-Norman element of North European coin finds. Viking-Age coinage in the northern lands, pp. 147-255. Ed. M.A.S. Black-burn - D.M. Metcalf. Oxford 1981.
- Blackburn 1986 *M.A.S. Blackburn - H. Pagan*, A revised check-list of coin-hoards from the British Isles c. 500-1100. Anglo-Saxon Monetary History, Essays in Memory of Michael Dolley, pp. 291-313. Ed. M.A.S. Blackburn. Leeds 1986.
- BMC *G.C. Brooke*, Catalogue of English Coins in the British Museum. The Norman Kings, Vol. I-II. London 1916.
- BMCO *S. Lane Poole*, Catalogue of Oriental Coins in the British Museum, Vol. I - X. London 1875-90.
- Brand 1965 *J.D. Brand*, A link between the First and Second Hand types of Æthelred II. SNC 1965, p. 182.
- Brand 1984 *J.D. Brand*, Periodic change of type in the Anglo-Saxon and Anglo-Norman periods. Ro-chester 1984.
- Cach *F. Cach*, Nejstarší české mince 1-2. Praha 1970-2.
- Dbg *H. Dannenberg*, Die deutschen Münzen der sächsischen und fränkischen Kaiserzeit 1-4. Berlin 1876-1905.
- Dolley 1955 *R.H.M. Dolley - F. Elmore Jones*, An Intermediate Small Cross Issue of Æthelræd II and some late Varieties of the Crux Type. BNJ 1955/1957, vol. XXVIII, pp. 75-87.
- Dolley 1959 *R.H.M. Dolley*, Some further remarks on the Transitional Crux issue of Æthelræd II. BNJ 1958-59, vol. XXIX, pp. 259-63.
- Dolley 1961 *R.H.M. Dolley - F. Elmore Jones*, The transition between the "Hand of providence" and "Crux" types of Æthelræd II. Comm. II, pp. 173-86.
- Dolley 1966 *M. Dolley*, A mythical Second Hand-/First Hand mule of Æthelræd II. SNC 1966, p. 266.
- Dolley 1967 *M. Dolley*, Æthelræd's Rochester Ra-vaging — An intriguing numismatic sidelight. SNC 1967, pp. 33-4.
- Dolley 1968 *M. Dolley*, The Anglo-Norman coins in the Uppsala University Cabinet. BNJ 1968, vol. XXXVII, pp. 29-34.
- Dolley 1972 *M. Dolley*, The newest find with Anglo-Saxon coins from Gotland. SNC 1972, p. 450.
- Dolley 1977 *M. Dolley - T. Talvio*, Regional Styles in First Hand. BNJ 1977, vol. XLVII, pp. 53-65.
- Dolley 1978A *M. Dolley*, An illusory Ipswich mule. SNC 1978, p. 130.
- Dolley 1978B *M. Dolley*, The Hiberno-Norse coins in Gotlands Fornsal, Visby. BNJ 1978, vol. XLVIII, pp. 28-34.
- Elmore Jones *F. Elmore Jones*, See Dolley 1955, 1961.
- Ferenius 1972 *J. Ferenius*, Spånga före Tensta. Stockholm 1972.
- G *G. Galster*, See SCBI 4.
- Gerdin 1974 *A.-L. Gerdin*, Domarlunden i Lärbro. GA 1974, p. 116.
- Grierson *P. Grierson*, Catalogue of the Byzantine Coins in the Dumbarton Oaks Collection and in the Whittemore Collection, Vol. III, Part 2. Glückstadt 1973.
- H *G. Hatz*, Handel und Verkehr zwischen dem Deutschen Reich und Schweden in der späten Wi-kerzeit. Lund 1974.
- Hahn *W. Hahn*, Moneta Radasponensis. Bayerns Münzprägung im 9., 10. und 11. Jahrhundert. Braunschweig 1976.
- Hatz *G. Hatz*, Finds of English medieval coins in Schleswig-Holstein. Studies in Numismatic Method presented to Philip Grierson, pp. 205-24. Cambridge 1983.
- Hd *B.E. Hildebrand*, Anglosachsiska mynt i Svenska Kongl. Myntkabinetet, funna i Sveriges jord. Stockholm 1881.
- Hd 1846 *B.E. Hildebrand*, Anglosachsiska mynt i Svenska Kongl. Myntkabinetet, funna i Sveriges jord. Stockholm 1846.
- Hildebrand 1829 *B.E. Hildebrand*, Numismata Anglo-Saxonica musei academiæ Lundensis ordinata et descripta I-III. Lund 1829.
- Holm 1917 *S. Holm*, Studier öfver Uppsala Universitets Anglosaxiska myntsamling. Uppsala 1917.
- Hz *V. Hatz*, Zur Frage der Otto-Adelheid-Pfen-nige. Comm. I, pp. 105-144.
- Hårdh *B. Hårdh*, Wikingerzeitliche Depotfunde aus Südschweden. Varberg 1976.
- Häv. *W. Hävernick*, Die Münzen von Köln. Köln 1935.
- Jensen 1987 *J.S. Jensen*, Forthcoming paper about the coin finds from the Kattesund excavation in Lund.
- Jensen *J.S. Jensen*, Information in letter of 15th April, 1981.
- Jonsson 1977 *K. Jonsson*, Fyndet från Smiss i Tingstäde sn på Gotland. NNÅ 1975-6, pp. 66-82.
- Jonsson 1980 *K. Jonsson - M. Östergren*, Vikingatidsskatten från Tummmelbos i Levide sn på Gotland. Myntkontakt 1980, pp. 185-6.
- Jonsson 1981A *K. Jonsson*, Kompletterande uppgifter om fyra vikingatida skattfynd från 1800-talets början. Myntkontakt 1981, 9-10, pp. 188-9.
- Jonsson 1981B *K. Jonsson*, Fyndet från Thulepar-ken i Eskilstuna. NNÅ 1979-80, pp. 65-80.
- Jonsson 1981C *K. Jonsson - M. Östergren*, Ett

- mynt från Æthelred II från prästgården i Vall sn. GA 1981, p. 194.
- Jonsson 1982A *K. Jonsson*, Ett vikingatida myntfynd troligen från Burs sn, Gotland. GA 1982, pp. 168-9.
- Jonsson 1982B *K. Jonsson - M. Östergren*, Två skatter från Mickels i Hablingbo. GA 1982, pp. 169-72.
- Jonsson 1983 *K. Jonsson - M. Östergren*, Stora Tollby i Fole sn - nya mynt från en gammal(?) silverskatt. GA 1983, pp. 125-7.
- Jonsson 1985 *K. Jonsson - M. Östergren*, Två nya silverskatter från 1000-talets mitt - Binge i Alva sn och Rangvalds i Havdhem sn. GA 1985, pp. 223-5.
- Jonsson 1986A *K. Jonsson*, Det yngsta fastlands svenska skattfyndet med vikingatidsmynt. SNT 1986, 7, pp. 168-71.
- Jonsson 1986B *K. Jonsson*, Två 1700-talsfynd från Öland, beskrivna av Jacob von Engeström. SNT 1986, 7, pp. 172-3.
- Jonsson 1986C *K. Jonsson - M. Östergren*, Sensationella svenska mynt i nya skattfynd från Gotland. SNT 1986, 7, p. 175.
- Jonsson 1986D *K. Jonsson*, Myntfynden. In Östergren 1986, pp. 78-82.
- Jonsson 1986E *K. Jonsson - M. Östergren*, Två vikingatida silverskatter från Timans i Roma sn funna på förhistoriska bopläser. GA 1986, pp. 238-41.
- Jonsson 1986F *K. Jonsson*, Mynt på avvägar. GA 1986, 241-3.
- Jonsson 1987A *K. Jonsson*, Myntfynden från Rung och Utmeland (forthcoming).
- Jonsson 1987B *K. Jonsson - M. Östergren*, Riddarfrynden. GA 1987 (forthcoming).
- Jonsson 1987C *K. Jonsson - M. Östergren*, Vikingatida myntfynd från Hemöstris. GA 1987 (forthcoming).
- Jonsson 1987D *K. Jonsson*, Bror Emil Hildebrand's early career and the Borup hoard. NM XXXV. Stockholm 1987 (forthcoming).
- Jonsson 1987E *K. Jonsson*, Nytt om Lyssebäcks-skatten (forthcoming).
- Jonsson *K. Jonsson*, See Blackburn 1981, Klotz 1986.
- Klotz 1986 *E. Klotz - K. Jonsson*, Härnackaskatten. SNT 1986, 9-10.
- Kluge 1981 *B. Kluge*, Das Angelsächsische Element in den slawischen Münzfunden des 10. bis 12. Jahrhunderts. Aspekte einer Analyse. Viking-Age coinage in the northern lands, pp. 257-327. Ed. M.A.S. Blackburn - D.M. Metcalf. Oxford 1981.
- Larsson 1983 *A.O. Larsson*, Underliga äro myntens vägar. Myntkontakt 1983, 1, p. 16.
- LL *L.O. Lagerqvist*, Svenska mynt under vikingatid och medeltid samt gotländska mynt. Stockholm 1970.
- Malmer 1966 *B. Malmer*, Nordiska mynt före år 1000. Lund 1966.
- Malmer *B. Malmer*, Om Danmarks näst äldsta myntort och depåfyndet från Igelösa kyrkogård. NNUM 1981, 4, pp. 62-7.
- Manneke *P. Manneke*, Forthcoming publication about the excavations of the ring-fort Havor on Gotland.
- Pagan *H. Pagan*, See Blackburn 1986.
- Pétré 1984 *B. Petré*, Arkeologiska undersökningar på Lovö, del 3. Stockholm 1984.
- Poulsen 1982 *B. Poulsen*, En bornholmsk vikingatidsmörfund "Poulster 1838". NNUM 1982:1, pp. 7-10.
- Rundquist 1946 *G.H. Rundquist*, Två silverskatter från vikingatiden i småländsk jord. NNÅ 1946, pp. 35-74.
- Salmo *H. Salmo*, Deutsche Münzen in vorgeschichtlichen Funden Finnlands. Finska Fornminnesföreningens tidskrift XLVII. Helsinki 1948.
- Sbr *M. Stenberger*, Die Schatzfunde Gotlands der Wikingerzeit, II. Fundbeschreibung und Tafeln. Lund 1947.
- SCBI *Sylloge of Coins of the British Isles*. Oxford.
1. P. Grierson, Fitzwilliam Museum, Cambridge. 1958.
 2. A.S. Robertson, Hunterian and Coats Collections, Glasgow. 1961.
 4. G. Galster, Royal Collection of Coins and Medals, Copenhagen. Part 1. 1964.
 5. E.J. Pirie, The Willoughby Gardner Collection of Coins with the Chester Mint Signature. Grosvenor Museum, Chester. 1965.
 6. R.B.K. Stevenson, National Museum of Antiquities of Scotland, Edinburgh. 1966.
 7. G. Galster, Royal Collection of Coins and Medals, Copenhagen. Part II. 1966.
 9. J.D.A. Thompson, Ashmolean Museum, Oxford. Part I. 1967.
 11. C.E. Blunt - M. Dolley, Reading University. Royal Coin Cabinet, Stockholm. 1969.
 16. C.E. Blunt - F. Elmore Jones - R.P. Mack, Emery May Norweb Collection. 1971.
 17. A.J.H. Gunstone, Collections in Midlands Museums. 1971.
 19. L.V. Grinsell - C.E. Blunt - M. Dolley, Bristol and Gloucester Museums. 1973.
 20. R.P. Mack, R.P. Mack Collection. 1973.
 21. E.J.E. Pirie, Yorkshire Museum, York, the City Museum, Leeds and the University of Leeds. 1975.
 24. A.J.H. Gunstone, Collections in West Country Museums. 1977.
 25. T. Talvio, National Musum, Helsinki and other public Collections in Finland. 1978.
 26. T.H. McK. Clough, Museums in East Anglia. 1980.
 27. A.J.H. Gunstone, Lincolnshire Collections. 1981.
 28. V. Smart, Cumulative Index of Volumes 1-20 of the Sylloge of Coins of the British Isles. 1981.
 29. M. Warhurst, Merseyside County Museums. 1982
 30. J.D. Brady, American Collections. 1982.

Bibliography

36. B. Kluge, Berlin Collection. 1986.
37. A.J.H. Gunstone, Collections in south-western Museums. Forthcoming.
- Schück *H. Schück*, Kungl. Vitterhets-Historie- och Antikvitetsakademien, dess historia och förhistoria IV. Stockholm 1935.
- Smart 1981 *V. Smart*, See SCBI 28.
- SML *Sveriges Mynthistoria. Landskapsinventeringen*. Stockholm.
2. B. Malmer - I. Wiséhn, Myntfynd från Ångermanland. 1983.
- Stafford 1978 *P. Stafford*, Historical implications of the regional production of dies under Æthelred II. BNJ 1978, vol. XLVIII, pp. 35-51.
- Steffen 1928 *R. Steffen*, Anteckningar om Visby högre allmänna läroverks Mynt- och antikvitets-samling. Bilaga till Årsredogörelsen. Visby 1928.
- Stewart 1968 *I. Stewart*, Notes on the Intermediate Small Cross and Transitional Crux Types of Ethelred II. BNJ 1968, vol. XXXVII, pp. 16-24.
- Talvio *T. Talvio*, See Dolley 1977.
- Tbg NC *C.J. Tornberg*, Numi Cufici Regii Numophylacii Holmiensis quos omnes in terra Sueciæ repertos digessit et interpretatus est. Upsaliæ 1848.
- Tbg Symb. *C.J. Tornberg*, Symbolae ad rem numariam Muhammadanorum ex Museo regio Holmiensi I - IV. Upsaliæ 1846-1863.
- Thordeman *B. Thordeman*, Sigtuna stads ålder. Ymer 1926, H. 2, pp. 168-88.
- Trotzig 1972 *G. Trotzig*, En stavkyrka i Silte. GA 1972, pp. 73-88.
- Widéen 1955 *H. Widéen*, Västsvenska vikingatids-studier. Göteborg 1955.
- Östergren 1983 *M. Östergren*, Silverskatternas fyndplatser — farmännens gårdar. Gutar och vikingar, pp. 34-48.
- Östergren 1986 *M. Östergren*, Silverskatter och böningshus. Visby 1986.

Östergren *M. Östergren*, See Jonsson 1980, 1981C, 1982B, 1983, 1985, 1986C, 1986E, 1987B, 1987C.
 Östergren *M. Östergren*, Visby, oral information.

Periodicals

BNJ	The British Numismatic Journal. London.
CNS	Corpus Nummorum Saeculorum IX - XI qui in Suecia reperti sunt. 1 -. Ed. B. Malmer, N.L. Rasmusson. Stockholm 1975 - .
Comm.	Commentationes de nummis sæculorum IX-XI in Suecia repertis. Partes I-II. Ed. N.L. Rasmusson, L.O. Lagerqvist, B. Malmer. Stockholm 1961, 1968.
GA	Gotlands Arkiv. Visby.
NC	The Numismatic Chronicle and Journal of the Royal Numismatic Society. London.
NNUM	Nordisk Numismatisk Unions Medlemsblad. Copenhagen.
NNÅ	Nordisk Numismatisk Årsskrift. Helsinki.
SNC	Spink & Son's Numismatic Circular. London.
SNT	Svensk Numismatisk Tidskrift. Stockholm.

Other abbreviations

c.	circa
dnr	diarienummer (day-book number)
GF	Gotlands Fornsal, Visby
K.	Kaiser (Emperor)
Kg	König (King)
KL	Kulturen, Lund
KMK	Kungl. Myntkabinettet, Stockholm
Obv.	Obverse
Rs.	Rückseite (Reverse)
SHM	Statens Historiska Museum, Stockholm
T.p.q.	Terminus post quem (earliest possible date of deposit/striking)
Var.	Variety