

Previously Unpublished Bishop's Head *Groten* Struck for Jan van Arkel, Bishop of Utrecht (1342-1364), From the Hollandsche Rading Coin Find (2016)

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Hoard Deposited: June, 1351 – January 1354 (or January 1355) ?
Found near Hollandsche Rading, The Netherlands
Possibly originally deposited near Loosdrecht, The Netherlands
Currently in the collections of various private individuals

The find consisted of the following coins:

107 silver (Ag) coins

- 33 *leeuwengroten* of Flanders, Count Louis of Male (1346-1384) (incl. broken coins)
- 73 *groten* of Utrecht, Bishop Jan van Arkel (1342-1364)
- 1 *groot* of William V of Holland (1350-1389) (unassociated?)

In the autumn of 2016, a number of silver coins were found in the vicinity of Hollandsche Rading, The Netherlands, by a metal detector user. In the following weeks and months, other detector users uncovered more coins in the same field. Up to March, 2017, a total of 107 silver coins were found in the same field. The coins had apparently been found in a layer of dirt that had been brought from some other location and deposited on the field to function as topsoil. The original location of the hoard (as deposited) is said to have been a nature reserve near Loosdrecht^[11]. It is highly probable that the find does not represent the entire hoard, and that other coins remain either in the same field, or at some other location or locations, possibly including the original place of deposit (near Loosdrecht?).

The later finders found fewer and fewer coins, which seems to indicate that most of the coins from the field had probably been detected. But we can never know what happened at the original source of the dirt that was transported to the field by Hollandsche Rading, and how many other coins might have remained there (Loosdrecht), or been taken to some location(s) other than the Hollandsche Rading field.

The Hollandsche Rading coins were found by ten different metal detector users, most of whom wish to remain anonymous. For this reason, the finders are referred to by number, *vinders* 1-10 (for purposes of keeping track of the coins and photographs). The original find was made by Jan Ooms (Finder v 1), and his sons, Finders v 2 and v 3. Subsequent finds were made by other detector users. Finder v 4 decided to sell his coins without properly recording them, so the weights are unknown, and photographs of some coins were never made. Some of these v4 coins turned up later at auction; the auction photos are the best quality Hollandsche Rading photos that we have.^[15]

In 2017, I was invited by Jan Ooms, the original finder of the “hoard”, to give my input on the *leeuwengroten* in the find, coins with which I am eminently familiar. It was my understanding at the time that Paul Callewaert, author of the original determination reports for the find, was planning on publishing a report on the Jan van Arkel (“JvA”) coins, while leaving me to publish a report on the *leeuwengroten*, which I did (ref. 15). No report on the Jan van Arkel coins was ever published, however.

When I realized that no JvA coin report had ever materialized, I contacted Jan Ooms to ask for photos of the coins, and he directed me to the Portable Antiquities Nederland (PAN) website, where, he assumed, photos of the coins could all be found. This, however, was not the case. Registration of the entire find had effectively ground to a halt in the red tape of some 76,000 other finds that must be registered with PAN. Only a small number of photos were visible on the website, and these were all very small, because the find has not yet been “verified”, and so it was “on hold” in a sort of limbo until the volunteers at PAN could get around to dealing with it. (Clearly, this is just another case of insufficient funding and staffing for the job at hand, archeology, which is not high on the list of priorities of any government in the world).

Photos of some (not all) of the coins were eventually published on the PAN site. Photos that were not provided to PAN by the original finders were not included.

I realized that if I did not publish a report on the JvA coins myself, it was unlikely that anyone ever would. Upon closely examination, I discovered that there are at least six unusual sub-types that are not listed in v.d. Chijs (ref. 2), most of which went unnoticed by Callewaert in his report (ref. 1).

My own area of expertise is *leeuwengroten*, not bishop’s head *groten* from Utrecht, which are, in effect, the *leeuwengroten* of Utrecht. I am unaware of any literature regarding these bishop’s head coins other than v.d. Chijs’ work, and I am equally unaware of any numismatist who could be considered an expert on these coins. (If there are any readers who would like to correct me on either of these points please feel free to contact me.) The original Callewaert report had to be abandoned due to various inaccuracies and repetitions. Its only value is the otherwise inaccessible photos of some of the coins.

Some Important Notes About The Photographs

Despite the best efforts of Jan Ooms, there was a lack of coordinated effort amongst the finders to properly photograph, weigh and record the coins before any dispersal occurred. Even in the 21st century, most coin hoards are still not properly documented.

The photographs of the Hollandsche Rading coins were made by several different people, in most cases, the actual finders of the coins themselves. They vary in color and contrast because of lighting and other factors, making it difficult to compare the “look” of the coins, so to speak.

Unfortunately, by the time I assumed responsibility for reporting on the non-*leeuwengroot* coins in the hoard in late 2020, the original photos seems to have been discarded, have disappeared, or become unavailable. Since I was originally only responsible for the *leeuwengroten*, I never bothered to ask for the complete set of Jan van Arkel photos when I had the chance back in 2017 (which was an enormous mistake on my part). I never had any contact with any other the finders other than Jan Ooms.

My descriptions of many of the JvA coins are based solely upon the photos in the original, unpublished, .pdf report by Paul Callewaert; I have no other photos of these

particular coins, and despite repeated requests made to the other people involved, I never received the original photos from anyone. The photos in question were extracted from Callewaert's Adobe .pdf file report, and they are small and low-resolution, and it is difficult to see many of the details in some of them. I have done what I can with what I have, and if the other people involved do not wish to assist me, there is little more I can do but wash my hands of the entire matter.

Coins JvA-54 – JvA-72 were all photographed by the Munten en Postzegel Organisatie (MPO, now part of Heritage Auctions) for their 2017, May and November auctions, providing us with high-quality photos of these coins (only).



*The original Hollandsche Rading Find (2016)
(v 1, JO)
including Jan van Arkel coins: JvA-01 – JvA 19*

Hollandsche Rading (2016)

107 coins total

33 Flemish *leeuwengroten* (incl. broken coins) / Louis of Male

73 bishop's head *groten* / Jan van Arkel

1 Holland *groot* / Willem V

finder	initials	total	LG	JvA	H
1	JO	26	5	20	1
2	zJO1	20	7	13	0
3	zJO2	20	7	13	0
4	DR	26	6	20	0
5	JH	8	3	5	0
6	AH	2	2	0	0
7	EdN	1	0	1	0
8	WB	1	1	0	0
9	SR	2	1	1	0
10	H	1	1	0	0
		107	33	73	1

Jan van Arkel Bishop's Head *Groten*

There seem to be 3 basic types of JvA bishop's head *groten*:

- | | | |
|-----|----------------|---------------------------|
| I | MONETA TRAIEC | IOH EPC TRAIECTENSIS |
| II | MONETA DAVENT | IOH EPC TRAIECTENSIS |
| III | MONETA TRAIECT | IOHANES EPCS TRAIECTENSIS |

Types I and II are basically identical; they seem to have been concurrent with one another, the former being struck at Utrecht and the latter at Deventer. Type III has noticeably different legends than the other two types.

Under these three basic types there are a number of sub-types with variant characteristics, such as differing interpunctuation in the legends, reverse inner legends beginning in different spots, or variant decoration on the bishop's mitre and/or collar, as well as differing symbols by the shield on the obverse.

Examples of all 3 of the basic types were found in the Hollandsche Rading Find. Several of the sub-types found in the "hoard" are not listed in v.d. Chijs (ref. 2). One of the coins was not photographed before being sold (JvA-73), and so we do not know what its characteristics were.

Most of the Type I, Utrecht *groten* have legends similar to the following (with some variation):

✠ IOH' : EPQ : TRÆ ☩ IECTENSIS
 MON ETÆ TRÆ IEC
 ✠ BNDICTV : SIT : NOMΘ : DNI : QRI : IHV : XPI

Variations include:



☩ or ☩ used as interpunction

The Type II, Deventer *groten* are basically the same as the Type I coins, except that they have a reverse, inner legends that reads:

MON ETÆ DAV ENT

In addition, these coins have an eagle in the 2nd quadrant on the reverse, under MON:



On both the Type I and Type II coins, the **M** of MONETA (only) is Roman, and all of the **Q**'s are gothic. There are no round **O**'s in the legends. The **E**'s in the reverse, inner legend are Roman (square), the **Θ**'s in the other legends are all gothic (or round).

The Type III coins are similar to the Type I coins, but have slightly different legends, more along these lines:

✠ IOHANES ✠ EPQS ☩ TRÆIECTENSIS
 MON ETÆ TRÆ IECT
 ✠ BNDICTV ✠ SIT ✠ NODΘ ✠ DNI ✠ QRI ✠ IHV XPI

Some of these coins have an **QE** / **EQ** combination.

Abbreviations

Many of the partial words in the legends have *macron* bars over some of the letters, indicating the abbreviations. On most of the Hollandsche Rading coins, these *macrons* cannot be seen.





several of the macrons are in the outer “pearl ring”



clear macrons (NOME, DNI, NRI)

The Bishop's Mitre

I have not studied large numbers of bishop's head *groten*. It is clear that there are variations to the decoration on the bishop's robe and on his mitre, and it seems likely that the differences are some kind of intentional minting mark. In most (but not all) cases, the marks on the bishop's mitre appears to be the same marks that are used by the shield below, whether  or , although the trefoils "go the other way":





mitre



by the shield

Bear in mind that the transcribed marks by the shield are upside-down when the coin is viewed properly, with the bishop upright:



coin viewed upside down,   marks right side up

Type I and Type two have 3 **x**'s on the brim of the bishop's mitre, while Type III does not.

The Bishop's Collar

On most of the coins, the bishop's collar is decorated with 3 x's on each side, although there are some coins that only have 2 x's on each side. Unfortunately, there are coins with 3 intended x's, one of which one each side is weak, making it look like only 2 at first glance.



3 clear x's



3 x's, 1 unclear



2 clear x's

Some of the collars seem to have no decoration at all:



no decoration

The Marks by the Shield



All of the Utrecht bishop's head *groten* have the arms of the bishop (in our case, Jan van Arkel) just below the main bust, as if the bishop were wearing an enormous medallion. The

shield itself does not change on the coins of Jan van Arkel, but the two symbols to the right and left of it do. Although the **shield** is not part of the obverse legend, in the following catalog the symbols around the shield are presented in transcription form. For example, this coin:



...would be represented by • ◻ *, i.e. **TRÆ • ◻ * IECTENSIS**, not by * ◻ •. We are not showing what you see when you look at the illustration (photo), which appears to be a rosette to the left of a shield and a pellet to the right (which is the opposite of how the legend reads around the circumference of the coin), we are showing the symbols as if they are indeed part of the legend (which is a debatable topic).

In other words, the symbol in the transcription on the left comes after TRA, and the symbol on the right comes before IECTENSIS, with the shield between the two symbols.

There were basically two marks used: a 6-lobed rosette, and a pair of left-right, 3-lobed trefoils or leaves. The coin shown above as an example is a rare and unusual sub-type with a star and a pellet as marks. Some coins seem to have no marks at all by the shield

Errors, Anomalies and New Variant Sub-Types

As stated above, there are 3 basic types of JvA *grooten*:

- Type I** (IOH Utrecht)
- Type II** (IOH, Deventer)
- Type III** (IOHANES, Utrecht)

There seem to be a relatively large number of bishop's head *groot* coins known with unusual variations, for example, v.d. Chijs reports a Deventer coin with the eagle in quadrant 1 of the reverse (**X, 10**), not the "normal" quadrant 2 (like the other known Deventer coins, from other sub-types). Was this an intentional change by the mint (i.e. a new "sub-type"), or an error made by the die-sinker?

There is a coin in the Hollandsche Rading Find that matches the legends given by v.d. Chijs for this type, the only difference being that the Hollandsche Rading coin has its eagle in the usual quadrant 2, making it a "**v.d. Chijs X, 10 variant**". But was it the coin that v.d. Chijs reported, with the eagle in an "odd" place, that was, in fact, the variant? (We would need more, similar specimens to be able to answer this question.)

V.d Chijs reports a MONETA DAVEVT legend (not DAVENT), and there was a MONITA (not MONETA) coin in the Hollandsche Rading Find; both of these legends are likely to be die-sinker errors. But what of the two coins in the Hollandsche Rading Find, each

with a reverse, inner legend that does not begin in quadrant 2, as do all of the other known coins? Errors or intentional variations?

Are the barless A's seen on some coins minting marks? What about the undecorated collars? *Et cetera*. All of which leads to problems in determining whether a coin is an anomaly, or an example of a "new sub-type". The available literature and my own knowledge of the subject fails us here.

There are at least six "sub-types" in the Hollandsche Rading find that are not listed in v.d. Chijs, and some of these have further variations that may be indications that they should be cataloged as separate sub-types as well (e.g. **cat Types I-c and I-d**).

Hollandsche Rading Find (2016), Jan van Arkel Coins

Utrecht	60
Deventer	12
unknown	1
total	73

<u>catalog</u>	<u>qty.</u>	<u>V.d Chijs</u>
Type I a	12	v.d. Chijs IX, 2
Type I b	26	v.d. Chijs IX, 1
Type I c	2 (2 var.)	v.d. Chijs — (v.d. Chijs IX, 1 var.)
Type I d	9 (4 var.)	v.d. Chijs X, 3
Type I e	1	v.d. Chijs — (v.d. Chijs X, 3 var.)
Type I f	1	v.d. Chijs — (v.d. Chijs X, 3 var.)
Type I g	3	v.d. Chijs X, 4 var.
Type II a	8	v.d. Chijs X, 7
Type II b	1	v.d. Chijs X, 10 var. ?
Type II c	1	v.d. Chijs —
Type II d	1	v.d. Chijs —
Type II e	1	v.d. Chijs —
Type III a	1	v.d. Chijs X, 5
Type III b	5 (2 var.)	v.d. Chijs X, 6 var.
unknown	1	v.d. Chijs ? (coin JvA 73)
cat. —	0	v.d. Chijs pl. XXVIII, 1
total	73	

Catalog of the Hollandsche Rading Find (2016)

Jan van Arkel, Bishop's Head *Groten*

The Hollandsche Rading, Jan van Arkel coins are numbered 1-65 according to Callewaert's original report (unpublished, ref. 1), with the addition of nos. 66-73, and are presented here per **type** and by sub-type. The majority of the coins are Type I.

PAN-00080580 is the catch-all number used for the coins for which the PAN has no photos (itself).

• Type I

IOH / Utrecht

Type I a v.d. Chijs IX, 2

13 examples

✠ IOH' : EPC : TRÆ ✠ ◻ ✠ IECTENSIS
 MON ETÆ TRÆ IEC
 ✠ BNDICTV : SIT : DOMB : DNI : DRI : IHV : XPI

Triple pellet interpunction.

Rosettes on mitre, matching those by the shield.

2 x's on the bishop's collar.

3 x's on the brim of the bishop's mitre.



JvA 01 – PAN-00060000 / v l JO / 2.48 g. / v.d. Chijs IX, 2



JvA 05 – PAN-00060010
v 1 JO / 2.56 g.
v.d. Chijs IX, 2



JvA 09 – PAN-00060025
v 1 JO / 2.54 g.
v.d. Chijs IX, 2



JvA 10 – PAN-00060032
v 1 JO / 2.41 g.
v.d. Chijs IX, 2



JvA 21 – Callewaert .pdf
v 2-3 JOz / 2.5 g.
*PAN-00080580 **
v.d. Chijs IX, 2



JvA 23 – Callewaert .pdf
v 2-3 JOz / 2.38 g.
PAN-00080580 *
v.d. Chijs IX, 2



JvA 41 – Callewaert .pdf
v 2-3 JOz / 2.55 g.
PAN-00080580 *
v.d. Chijs IX, 2



JvA 46 – Callewaert .pdf
v 2-3 JOz / 0.86
*PAN-00080580 **
v.d. Chijs IX, 2



JvA 57 – Callewaert .pdf
(also Callewaert's "JvA-66" sic)
v 4 DR
*PAN-00080580 **
v.d. Chijs IX, 2



** JvA-57 – MPO, May 2017, 55-5758
v 4 DR
PAN-00080580 *
v.d. Chijs IX, 2*

Callewaert mistakenly reused photos of this coin for his “JvA-66”; his report therefore contains 65 JvA coins (JvA 01-65) and is missing the remaining 8 coins (JvA 66-73).



*JvA-58 – MPO, May 2017, 55-5759
v 4 DR
PAN-00080580 * / v.d. Chijs IX, 2*



JvA-66 – MPO, May 2017, 56-5811
v 4 DR
*PAN-00080580 **
v.d. Chijs IX, 2



JvA-67 – MPO, May 2017, 56-5812
v 4 DR
*PAN-00080580 **
v.d. Chijs IX, 2

Type I b
v.d. Chijs IX, 1

26 examples

✠ IOH' ✠ EPC ✠ TRA ✠  ✠ IEDTENSIS
 MON ETÆ TRA IED
 ✠ BNDICTV ✠ SIT ✠ NOMB ✠ DNI ✠ NRI ✠ IHV ✠ XPI

Pellet-X-pellet interpunction.

Rosettes on mitre, matching those by the shield.

3 x's on the bishop's collar.

3 x's on the brim of the bishop's mitre.



JvA 06 – PAN-00060013
V / 2.39 g.
v.d. Chijs IX, 1



JvA 07 – PAN-00060015
V / 2.55 g.
v.d. Chijs IX, 1



JvA 08 – PAN-00060022
v 1 JO / 2.64 g.
v.d. Chijs IX, 1



JvA 13 – PAN-00060053
v 1 JO / 2.43 g.
v.d. Chijs IX, 1



JvA 16 – PAN-00060056
v 1 JO / 2.45 g.
v.d. Chijs IX, 1



JvA 19 – PAN-00060059
v 1 JO / 2.57 g.
v.d. Chijs IX, 1



JvA 20 – Callewaert .pdf
v 2-3 JOz / 2.45 g.
*PAN-00080580 **
v.d. Chijs IX, 1



JvA 28 – Callewaert .pdf
v 2-3 JOz / 2.58 g.
PAN-00080580 *
v.d. Chijs IX, 1



JvA 29 – Callewaert .pdf
v 2-3 JOz / 2.57 g.
PAN-00080580 *
v.d. Chijs IX, 1



JvA 30 – Callewaert .pdf
v 2-3 JOz / 2.37 g.
PAN-00080580 *
v.d. Chijs IX, 1



JvA 33 – Callewaert .pdf
v 2-3 JOz / 2.42 g.
PAN-00080580 *
v.d. Chijs IX, 1



JvA 36 – Callewaert .pdf
v 2-3 JOz / 2.52 g.
PAN-00080580 *
v.d. Chijs IX, 1



JvA 37 – Callewaert .pdf
v 2-3 JOz / 2.48 g.
v.d. Chijs IX, 1



JvA 39 – Callewaert .pdf
v 2-3 JOz / 2.49 g.
v.d. Chijs IX, 1



JvA 42 – Callewaert .pdf
v 2-3 JOz / 2.48 g.
v.d. Chijs IX, 1



JvA 44 – Callewaert .pdf
v 2-3 JOz / 2.36 g.
v.d. Chijs IX, 1



JvA 47 – PAN-00060127
v 5 JH / 2.51 g.
v.d. Chijs IX, 1



JvA 49 – PAN-00071817
v 9 SR / 1.99 g.
v.d. Chijs IX, 1



JvA 51 – PAN-00060122
v 5 JH / 2.36 g.
v.d. Chijs IX, 1



*JvA 52 – Callewaert .pdf [sic]
(Callewaert mistakenly used the reverse from JvA-47 instead of JvA-52)
v 5 JH / 2.51 g.
v.d. Chijs IX, 1*



*JvA 52 – PAN-00060118
v 5 JH / 2.51 g.
v.d. Chijs IX, 1*



JvA 53 – finder photo
v 7 EdN / 2.51 g.
** PAN-00080580*
v.d. Chijs IX, 1



JvA-55 – MPO, May 2017, 55-5760
** PAN-00080580*
v 4 DR
v.d. Chijs IX, 1



JvA-60 – MPO, May 2017, 55-5762 (also MPO, Nov.-2017, 56-5816)

** PAN-00080580*

v 4 DR

v.d. Chijs IX, 1



JvA-62 – MPO, May 2017, 55-5761

** PAN-00080580*

v 4 DR



JvA-68 – MPO, Nov. 2017, 56-5813

** PAN-00080580v 4 DR*

v.d. Chijs IX, 1



JvA-69 – MPO, Nov. 2017, 56-5814

** PAN-00080580*

v 4 DR

v.d. Chijs IX, 1

Type I c
v.d. Chijs —
 (v.d. Chijs IX, 1 var.)

NEW VARIANT(S)

2 examples

✠ IOH' : EPC : TRÆ ✠ ☐ ✠ IECTENSIS
ETÆ TRÆ IEC MON
 ✠ BNDICTV : SIT : NOMΘ : DNI : NRI : IHV : XPI

Triple pellet interpunction.
 Rosettes on mitre, matching those by the shield.
 2 x's on the bishop's collar.
 3 x's on the brim of the bishop's mitre.
 Unusual inner legend.
 (Variant outer legend punctuation).



JvA 24 – Callewaert .pdf [sic]
 v 2-3 JOz / 2.57 g.
 * PAN-00080580
v.d. Chijs — (v.d. Chijs IX, 1 var.)



properly oriented

When the reverse is oriented with the initial cross of the outer legend at the top, we can see that the inner legend does not begin in quadrant 2 as it should, but rather in quadrant 1. This is a previously unreported (?) variant; there are no such coins listed in v.d. Chijs. Whether this is a die-sinker's error or an intentional change by the mint is difficult to say.

Type I c var.
v.d. Chijs —
(v.d. Chijs IX, 1 var.)



JvA-70 – MPO, Nov. 2017, 56-5815

** PAN-00080580*

v 4 DR

v.d. Chijs IX, 1 var.

✠ BNDICTV : SIT : NOMEN : DNI : NRI : IHV XPI

Like coin JvA-24, the reverse, inner legend begins in quadrant 1, unlike most of the other coins. The **Q** of MONETA features two faint, parallel lines, which may be insignificant guidelines (cf. the **IE** in the inner legend).

There is no mark between IHV and XPI.



* JvA-70 – MPO, Nov. 2017, 56-5815

* PAN-00080580

v 4 DR

v.d. Chijs IX, 1 var.

Type I d v.d. Chijs X, 3

9 examples

✠ IOH' : EPC : TRA ✧ ✧ IECTENSIS

MON ETÆ TRA IEC

✠ BNDICTV : SIT : NOMEN : DNI : NRI : IHV : XPI

✠ IOH' : EPC : TRA √ ∪ √ IECTENSIS
 MON ETÆ TRA IEC
 ✠ BNDICTV : SIT : NOMB : DNI : NRI : IHV : XPI

Triple pellet interpunction.

Trefoils on mitre, matching those by the shield.

2 x's on the bishop's collar.

3 x's on the brim of the bishop's mitre.



JvA 04 – PAN-00060007

v l JO / 2.3 g.

v.d. Chijs X, 3

The **R** of TRA on the obverse is unusual.



JvA 31 – Callewaert .pdf
v 2-3 JOz / 2.46 g.
v.d. Chijs X, 3



JvA 35 – Callewaert .pdf
v 2-3 JOz / 2.42 g.
v.d. Chijs X, 3



JvA 48 – finder photo
v 5 JH / 2.59 g.
v.d. Chijs X, 3



JvA 50 – finder photo
v 5 JH / 2.47 g.
v.d. Chijs X, 3

The **R** of TRAIEC in the inner legend is very stylish.

Type I d var.
v.d. Chijs X, 3 var.



JvA 12 – PAN-00060052

v 1 JO / 2.43 g.

v.d. Chijs X, 3 var.

✠ **BNDICTV** : SIT : NOMINE : DOMINI : NRI : IHSV : XPI

Variant: the T is missing from BNDICTV. This is almost certainly a die-sinker's error.



* JvA 25 – Callewaert .pdf
v 2-3 JOz / 2.37 g.
v.d. Chijs X, 3 var.

✠ **BNDICTV** : SIT : NOMINE : DOMINI : IHS : XPI

Variant: as on coin JvA-12, the T is missing from BNDICTV.



JvA 15 – PAN-00060055

v 1 JO / 2.45 g.

v.d. Chijs X, 3 var.

✠ **BNDITV** : SIT : NOMEN : DOMINI : NRI : IHS : XPI

Variant: the C is missing from BNDICTV. The A's on the reverse look barless.



JvA 27 – Callewaert .pdf
v 2-3 JOz / 2.38 g.
v.d. Chijs X, 3

✠ IOH' : EPC : TRÆ ⁊ ☐ ⁊ IECTEN̄SIS
 MON ETÆ TRÆ IEC
 ✠ BNDICTV : SIT : NOM̄E : DNI : NRI : IHV : **XP**

Variant: This example appears to have 3 x's on the bishop's collar, and the final I of the outer legend appears to be absent.

Type I e
v.d. Chijs —
 (v.d. Chijs X, 3 var.)

NEW VARIANT

1 example

✠ IOH' : EPC : TRÆ ⁊ ◻ ⁊ IECTENSIS
 MON **I**TRÆ TRÆ IEC
 ✠ BNDICTV : SIT : DOMB : DNI : DRI : IHV : **XII**

Triple pellet interpunction.
 Trefoils on mitre, matching those by the shield.
 2 x's on the bishop's collar.
 3 x's on the brim of the bishop's mitre (?).
 MONITA.



JvA-56 – MPO, May 2017, 55-5763
v 4 DR
v.d. Chijs X, 3 var.

It is almost certain that the misspelling of MONETA is simply a die-sinker's error. Although we reported a pellet after MON on this coin in MONITA in the reverse, inner legend in our report on the Hollandsche Rading Find *leeuwengroten* (ref. 15), I have since studied these coins in more detail, and am now of the opinion that the apparent "pellet" is simply part of the 'foot' of the preceding **Ń**. A comparison with the other JvA coins shows that the die-sinkers seem to have gone to quite a bit of trouble to ensure that all of the **Ń**'s had 'feet'.

Type I f
v.d. Chijs —
 (v.d. Chijs X, 3 var.)

NEW VARIANT

1 example

✠ IOH' : EPC : TRÆ ⁂ □ ⁂ IECTENSIS
IED MOQ ETÆ TRÆ
 ✠ BNDICTV : SIT : QOMΘ : DNI : QRI : IHV : XPI

Triple pellet interpunction.
 Trefoils on mitre, matching those by the shield.
 2 x's on the bishop's collar.
 3 x's on the brim of the bishop's mitre.
 Unusual inner legend.



JvA 26 – Callewaert .pdf
v 2-3 JOz / 2.33 g.
v.d. Chijs — (v.d. Chijs X, 3 var.)

The inner legend does not begin at the usual spot in quadrant 2, but rather in quadrant 4 (cf. JvA-24 and JvA-70 above). Whether this is a die-sinker's error or an intentional change by the mint is difficult to say.

Type I g
v.d. Chijs X, 4 var.

3 examples

✠ IOH' : EPC : TRÆ ⁂ □ ⁂ IECTEŒSIS
 MOŒ ETÆ TRÆ IEC
 ✠ BŒDICTV : SIT : ŒOMÆ : DŒI : ŒRI : IHV : XPI

Pellet-annulet-pellet interpunction.
 Trefoils on mitre, matching those by the shield.
 3 x's on the bishop's collar.
 3 x's on the bishop's mitre.

Because v.d. Chijs made the bad decision to use one obverse drawing to go with 2 reverse drawings (X, 3 and X, 4), this sub-type does not actually appear in his book at all. There are trefoils on the bishop's mitre that match those by the shield. We suspect that "v.d. Chijs X, 4" coins, with ð on the obverse and ð on the reverse, do not actually exist.



JvA 02 – Callewaert .pdf
v 1 JO / 2.58 g.
v.d. Chijs X, 4 var.



JvA-64 – MPO, May 2017, 55-5765
v 4 DR
v.d. Chijs X, 4 var.



JvA-65 – MPO, May 2017, 55-5764
v 4 DR
v.d. Chijs X, 4 var.

• Type II

IOH / Deventer

Type II a
v.d. Chijs X, 7

8 examples

✠ IOH' : EPC : TRÆ ✠ ☐ ✠ IECTENSIS
MON ETÆ DÆV ENT
✠ BNDICTV : SIT : NOMB : DNI : NRI : IHV : XPI
|

Pellet-X-pellet interpunction.

Rosettes on mitre, matching those by the shield.

3 x's on the bishop's collar.

3 x's on the brim of the bishop's mitre.

Eagle in quadrant 2.



JvA 54 – Callewaert .pdf

v 4 DR

v.d. Chijs X, 7

There is no sign of a crossbar in the A of DAVENT, but the crossbar of the A of MONETA is fairly weak, so perhaps an intended crossbar in the other word “disappeared”. The mitre decorations match those by the shield.



* JvA-54 – MPO, May 2017, 55-5766
v 4 DR
v.d. Chijs X, 7

According to the MPO, this coin came from a different source than the other Utrecht *groten* in their auction 55 (Finder v 4/DR) ^[14], but Paul Callewaert assures us that this same coin was also for sale on the auction website Catawiki, and that it is definitely one of the Finder v 4/DR, Hollandsche Rading coins ^[13].

In November 2017, eight more Jan van Arkel, Utrecht *groten* made an appearance in MPO Auction 56. One of these coins (MPO 5816) had also appeared in MPO Auction 55 (MPO 5762), and had apparently not been sold (JvA-60). These coins were more of Finder v 4's Hollandsche Rading coins ^[14], leaving only one v 4 (DR) coin 'unaccounted for' (JvA-73). ^[15]



JvA 17 – PAN-00060057
v 1 JO / 2.41 g.
v.d. Chijs X, 7



JvA 14 – PAN-00060054
v 1 JO / 2.48 g.
v.d. Chijs X, 7



JvA 18 – PAN-00060058
v 1 JO / 2.45 g.
v.d. Chijs X, 7



JvA 22 – Callewaert .pdf
v 2-3 JOz / 2.42 g.
v.d. Chijs X, 7



JvA 34 – Callewaert .pdf
v 2-3 JOz / 2.55 g.
v.d. Chijs X, 7



JvA-63 – MPO, May 2017, 55-5767
v 4 DR



JvA-72 – MPO, Nov. 2017, 56-5818

v 4 DR

v.d. Chijs X, 7

V.d. Chijs' next three sub-types are problematic. The first (X, 8) involves what is likely to be a die-sinker's misspelling (assuming that v.d. Chijs' description is accurate). Otherwise, the coin appears to be a Deventer coin with trefoils as decoration and triple pellets as interpunction. No such coin is listed by v.d. Chijs (other than the example with the misspelled DAVEVT).

The second sub-type (X, 9) show a mixing of interpunction between obverse and reverse, which is something we have only seen once on any example, and is therefore suspect (see **cat. Type II e**, coin JvA-71 below, with mixed interpunction). But this and the third sub-type (X, 10) only have one trefoil by the shield. **V.d. Chijs X, 10** has triple pellets (only) as interpunction, and furthermore, the eagle on the reverse is not in the usual quadrant 2.

Again: there is no Deventer sub-type listed by v.d. Chijs with two trefoil decorations by the shield, and triple pellet interpunction.

✠ IOH' : EPC TRA ✧ ☐ ✧ IECTENSIS


MON ETÆ DAV EVT (die-sinker's error)


✠ BNDICTV : SIT : NOMES : DNI : NRI : IHV XPI

(v.d. Chijs X, 8)




Hollandsche Rading Find —

✠ IOH' : EPC : TRA ☐ ✠ IECTENSIS
 MON ETÆ DÆV ENT
 ✠ BNDICTV : SIT : NOMES : DNI : NRI : IHV : XPI (v.d. Chijs X, 9)
 Hollandsche Rading Find —

✠ IOH' : EPC TRA ☐ ✠ IECTENSIS
 MON ETÆ DÆV ENT
 ✠ BNDICTV : SIT : NOMES : DNI : NRI : IHV XPI (v.d. Chijs X, 10)


Type II b v.d. Chijs X, 10 var. ?

1 example

[✠ IOH' : EPC TRA ☐ ✠ IECTENSIS]
 MON ETÆ DÆV ENT
 ✠ BNDICTV : SIT : NOMES : DNI : NRI : IHV XPI


Triple pellet interpunction (?).
 Trefoils on mitre, matching those (?) by the shield.
 3 x's on the bishop's collar (?).
 3 x's on the brim of the bishop's mitre.
 Eagle in quadrant 2.



JvA 38 – Callewaert .pdf
v 2-3 JOz / 2.28 g.
v.d. Chijs X, 10 var. ?

The photo is fairly poor and hard to read. There do not appear to be any crossbars in MONETA DAVENT on the reverse. The interpunction appears to be all triple pellets. It is unclear if there is a trefoil after TRA by the shield. The eagle is in the correct place, unlike v.d. Chijs X, 10.

Type II c

v.d. Chijs —

NEW VARIANT

1 example

✠ IOH' : EPC : TR ✠ • ✠ IECTENSIS
 MON ET ✠ D ✠ V E ✠ T
 ✠ BNDICTV : SIT : NOM : DNI : DRI : IHV : XPI
 |✠

Triple pellet interpunction.

1 pellet / 1 pierced rosette by the shield.

Pierced rosettes on mitre, matching that by the shield.

No decoration on the bishop's collar.

Pierced rosette on the brim of the bishop's mitre (part of brim illegible).

2 pierced rosettes on the tips of the septifoil arcs (part of septifoil illegible).

Curlicue **Ń**'s, barless **A**'s.

Eagle in quadrant 2.



JvA-59 – MPO, May 2017, 55-5769

v 4 DR

v.d. Chijs —

This is an interesting and unusual coin. It would appear that there is a pellet after TRA and a pierced rosette before IECTENSIS by the shield, unlike any of the other known examples. Note as well the curlicue **Ń**'s and barless **A**'s.

There is a pellet to the right of the shield, and a pierced rosette to the left. These pierced rosettes are repeated on the bishop's mitre and on the brim, and again at the ends of 2 of the septifoil arcs. The bishop's collar appears to be free of decoration. Nothing like this is described in v.d. Chijs' book; as far as I know this is a unique and otherwise unpublished piece (other than on p. 21 of my original report on the Hollandsche Rading *leeuwengroten*, where I only pointed out the curlicue **Ń**'s, and not the unusual marks by the shield or the other pierced rosettes).

The MPO auction catalogs did not report that these coins were from the Hollandsche Rading (2016) Find, nor that this piece is a unique and otherwise unknown sub-type of Jan van Arkel, bishop's head *groot*.



JvA-59












unintentional annulets?

Type II d
v.d. Chijs —

NEW VARIANT

1 example

✠ IOH' : EPC TRA  IECTE  SIS
 MO  ET  D  V E  T
 ✠ BNDICTV : SIT : QOM  : DNI : QRI : IHV XPI


Triple pellet interpunction.
 Mitre decoration unclear.
 No marks by the shield.
 2 x's on the bishop's collar (?).
 Curlicue 's, barless A's (?).
 Eagle in quadrant 2.



JvA-61 – MPO, May 2017, 55-5768
v 4 DR
v.d. Chijs —

Similar to the previous sub-type, but without any marks by the shield, and no interpunction after IHV.

Type II e
v.d. Chijs —

NEW VARIANT

1 example

✠ IOH' : EPC : TRA [✠ □ ...] IECTENSIS
 MON ETÆ DAV ENT
 ✠ BNDICTV : SIT : NOMB : DNI : NRI : IHV : XPI
 |✠

Pellet-X-pellet interpunction (obverse) / pellet-annulet-pellet interpunction (reverse).
 Rosettes on mitre, matching those by the shield (mark left of shield illegible).
 3 x's on the bishop's collar (?).
 Eagle in quadrant 2.



JvA-71 – MPO, Nov. 2017, 56-5817

v 4 DR

v.d. Chijs —

This is the sole JvA coin we have seen with one kind of interpunction on the obverse, and another on the reverse.

This is yet another previously unreported sub-type, which was also sold off without fanfare in the MPO auction. No Deventer (or Utrecht) coin with an obverse ⚔ / reverse ⚔ combination is listed in v.d. Chijs. It is unclear whether or not there is a second rosette before IECTENSIS on the obverse.

Cf. **v.d. Chijs X, 9**, also showing different interpunction on the obverse and reverse.

• Type III

IOHANES / Utrecht

The letter forms of the EN of IOHANES and the NE of TRAIECTENSIS on the obverse seem to be of some importance, but the Hollandsche Rading coins do not (exactly) match the descriptions, transcriptions and illustrations provided by v.d. Chijs.

v.d. Chijs X, 5	IOHANES ⚔ EP ^{CS} TRAIECTENSIS	[sic]
v.d. Chijs X, 6	IOHA ^{NE} ES EPS ⚔ TRAIECTE ^{NE} SIS	[sic]

No other combinations are listed by v.d. Chijs. The Hollandsche Rading coins with **NE**, which would at first glance seem to be **v.d. Chijs X, 6** coins, do not match v.d. Chijs' drawing for his **X, 6**, since they all seem to have ⚔ EP^{CS} (not EPS ⚔). There are no "**v.d. Chijs X, 6**" coins in the Hollandsche Rading find, only "**v.d. Chijs X, 6 var.**" coins.

Is v.d. Chijs' **X, 6** drawing simply inaccurate (as is so often the case with his drawings/descriptions)? Or was he describing a different sub-type, not found in the Hollandsche Rading hoard?

The Type III coins are the only ones with Roman **N**'s anywhere in the legends.

Double x interpunction.

No marks by the shield.

2 x's on the bishop's collar (?).

No decoration on the brim of the bishop's mitre (?).

Barless A's (?).

Type III a
v.d. Chijs X, 5

1 example

✠ IOH**ANES** ✠ **EP****CS** ☐ TR[**AN**]IE**CTENSIS**
 MO**Q** ET**AN** TR**AN** IE**CT**
 ✠ **BNDICTV** ✠ **SIT** ✠ **NO****DB** ✠ **DNI** ✠ **QRI** ✠ [I**H**V X**PI**]



JvA 43 – Callewaert .pdf
v 2-3 JOz / 2.48 g.
v.d. Chijs X, 5

As far as we can see, this is a **v.d. Chijs X, 5** coin, with an **NE / EN** combination, and IOHANES ✠ EPCS. The mitre decorations are unclear, but appear to be trefoils, while there are no marks by the shield.

Type III b
v.d. Chijs X, 6 var.

5 examples

✠ IOH^hAN^hES ✠ EP^hCS  TRAIECTENSIS
 MO^h ET^h TR^h IE^hCT
 ✠ BNDICTV ✠ SIT ✠ NO^hME ✠ DNI ✠ QRI ✠ IHV XPI



JvA 11 – PAN-00060051

v 1 JO / 2.48 g.

v.d. Chijs X, 5

✠ IOH[AN...] EP^hCS  TR[...]ENSIS
 MO^h ET^h TR^h IE^hCT
 ✠ BNDICTV ✠ SIT ✠ NO[...]NI ✠ QRI ✠ IHV X[...]

There appears to be a C in EPCS on the obverse, as opposed to the EPS in v.d. Chijs' drawing for his X, 6. The relevant E's or Θ's are illegible. I can see no ✠ marks on the obverse... perhaps before EPCS. In theory, this is not a v.d. Chijs X, 5 coin because of the gothic Q in TRAIECTENSIS on the obverse.

If there are any marks by the shield they are invisible. The bishop's mitre clearly has **trefoils** as decoration; these same trefoils are found at the ends of the arcs of the septifoil surrounding the bishop; they are unlike the trefoils seen on the other coins (cf. JvA-71), and unlike the x's shown in v.d. Chijs' X, 6 drawing.

✠ IOHANNES ✠ EPUS TRARICTENSIS
 MON ET TRARICT
 ✠ BNDICTV ✠ SIT ✠ NOME ✠ DNI ✠ ORI ✠ IHV X[...]



JvA 32 – Callewaert .pdf
 v 2-3 JOz / 2.42 g.
 v.d. Chijs X, 6 var.

The mitre and collar decorations are unclear, but this appears to be another **cat. Type III-b / v.d. Chijs X, 6 var.** coin.

✠ IOHANNES [✠] EPUS TRAIECTENSIS
MON ETÆ TRÆ U IECT
✠ BNDICTV ✠ SIT ✠ NODΘ ✠ DNI ✠ ORI ✠ Ih[...]



JvA 03 – PAN-00060006
v 1 JO / 2.58 g.
v.d. Chijs X, 6 var.

The mitre and collar decorations are unclear, but this appears to be yet another **cat. Type III-b / v.d. Chijs X, 6 var.** coin.

[✠ IOHANNES ✠ EPUS TRAR IECTENSIS]
[MON ET TR IECT]
[✠ BNDICTV ✠ SIT ✠ NOBIS ✠ DNI ✠ ORI ✠ IHV XPI]



JvA 45 – Callewaert .pdf
v 2-3 JOz / 2.11 g.
v.d. Chijs X, 6 var.

It is difficult to see much of anything in these photos. The coin appears to have **EN** and **NE**. The mitre decorations are unclear, as are the marks by the shield (if any). This also appears to be a cat. Type III-b / v.d. Chijs X, 6 var. coin.

✠ IOH^{AN}[ES ✠ EP^{ISC} [...R^{OM}ANUS] C^{IT}ENSIS
MO^{NI} ET^{ER}NA [TR^{AN}] IE^{CT}
[✠ BNDICTV ✠ SIT ✠ NO^{BI}S ✠ DNI ✠ NRI ✠ IH...]



JvA 40 – Callewaert .pdf
v 2-3 JOz / 2.18 g.
v.d. Chijs X, 6 var.

Variant: the I of BNDICTV appears to be absent.

• Type Unknown

? / ?



JvA 73
v 4 DR
v.d. Chijs ?

Coin JvA-73 (v 4/ DR) is unaccounted for, no photos are known to exist, and its characteristics and sub-type remain completely unknown. This coin could have been the same as one of the others, or it may have been yet another new sub-type. It is likely that we will never know.

Previous Literature: Van der Chijs

There is little else to use as a reference for the medieval coins of Utrecht but v.d. Chijs (ref. 2). It is well known that when using v.d. Chijs as a reference, a few grains of salt must be taken along with the information. **Throughout his works, there are a great many cases where v.d. Chijs' text description (legend transcriptions) and his illustrations do not match one another**, leaving the reader to attempt to determine which (if either) is correct.
















In addition, v.d. Chijs (and/or his illustrator) had a tendency to “play it a bit fast and loose” with the pellets: ••, which are often illustrated as annulets: ◦◦. The same is true of x's and stars.

Furthermore, v.d. Chijs himself admitted that he sometimes merged different (sub-) types of coins into one illustration... with disastrous results for subsequent researchers. **The text descriptions and illustrations in v.d. Chijs cannot be blindly trusted to be 100% accurate.**

V.d. Chijs erroneously refers to the bishop's head *groot* coins as *dubbelgroten*.

As we have already seen, many of the Hollandsche Rading coins matched up reasonably well with some of the sub-types described by v.d. Chijs, while others did not. It seems likely that v.d. Chijs' collar decorations, as illustrated, should not be trusted. It is clear from the actual coins that some of the 3-x collars have weak x's that look like there are only 2 x's, which may have caused problems for v.d. Chijs or his illustrator.

V.d. Chijs lists the following 11 types/sub-types of Jan van Arkel, *Utrecht groten*:

pl. IX, 1	U		⋈ only	IOH	
pl. IX, 2	U		⋈ only	IOH	
pl. XXVIII, 1	U		⋈ and *	IOH	IAAE
pl. X, 3	U		⋈ only	IOH	
pl. X, 4	U		⋈ and ⋈	IOH	
pl. X, 5	U		⋈ only	IOHANES ⋈ EPCS	
pl. X, 6	U		⋈ only	IOHANES EPS ⋈	
pl. X, 7	D		⋈ only	IOH	
pl. X, 8	D		⋈ only	IOH	
pl. X, 9	D		⋈ and ⋈	IOH	
pl. X, 10	D		⋈ only	IOH	

Note that v.d. Chijs lists a suspect 3 sub-types with differing interpunction on the obverse and reverse; we found only 1 coin with obverse / reverse marks that did not match, and that extant sub-type (**cat. Type II-e**) and combination of marks (⋈ / ⋈) is not listed by v.d. Chijs at all.

Utrecht:

Rosettes:

✠ IOH' : EPD : TRÆ *☐* IECTENSIS
 MON ETÆ TRÆ IEC
 ✠ BNDICTV : SIT : NOMES : DNI : NRI : IHV : XPI (v.d. Chijs IX, 1)
 Hollandsche Rading Find cat. Type I b

✠ IOH' : EPD : TRÆ *☐* IECTENSIS
 MON ETÆ TRÆ IEC
 ✠ BNDICTV : SIT : NOMES : DNI : NRI : IHV : XPI (v.d. Chijs IX, 2)
 Hollandsche Rading Find cat. Type I a

✠ IOH' : EPD : TRÆ *☐* IECTENSIS
 ETÆ TRÆ IEC MON
 ✠ BNDICTV : SIT : NOMES : DNI : NRI : IHV : XPI (v.d. Chijs —)
 Hollandsche Rading Find cat. I c

✠ IOH' : EPD : TRÆ *☐* IECTENSIS
 IEC MON ETÆ TRÆ
 ✠ BNDICTV : SIT : NOMES : DNI : NRI : IHV : XPI (v.d. Chijs —)
 Hollandsche Rading Find cat. I f

✠ IOH' * EPD : TRÆ *☐* IECTENSIS
 MON ETÆ TRÆ IEC
 ✠ BNDICTV : SIT : NOMES : DNI : NRI : IHV : XPI
 I A A E (v.d. Chijs XXVIII, 1)
 Hollandsche Rading Find —

Leaves / Trefoils:

✠ IOH' : EPD : TRÆ ʏⱮ IECTENSIS
 MOŃ ETÆ TRÆ IEC
 ✠ BNDICTV : SIT : NOMΘ : DNI : NRI : IHV : XPI (v.d. Chijs X, 3)
 Hollandsche Rading Find cat. Type I d

✠ IOH' : EPD : TRÆ ʏⱮ IECTENSIS
 MOŃ ETÆ TRÆ IEC
 ✠ BNDICTV : SIT : NOMΘ : DNI : NRI : IHV : XPI (v.d. Chijs X, 4)
 Hollandsche Rading Find cat. Type I g (v.d. Chijs var.)
 (v.d. Chijs X, 4 obverse not properly illustrated)

✠ IOH' : EPD : TRÆ ʏⱮ IECTENSIS
 MOŃ ITÆ TRÆ IEC
 ✠ BNDICTV : SIT : NOMΘ : DNI : NRI : IHV : XPI (v.d. Chijs X, 3 var.)
 Hollandsche Rading Find cat. I e

IOHANES:

✠ IOHANNES ✠ EPDS TRÆ Ɱ IECTENSIS
 MOŃ ETÆ TRÆ IECT
 ✠ BNDICTV ✠ SIT ✠ NOMΘ ✠ DNI ✠ NRI ✠ IHV XPI (v.d. Chijs X, 5)
 Hollandsche Rading Find cat. Type III a

✠ IOHANNES EPS ✠ TRÆ Ɱ IECTENSIS
 MOŃ ETÆ TRÆ IECT
 ✠ BNDICTV ✠ SIT ✠ NOMΘ ✠ DNI ✠ NRI ✠ IHV XPI (v.d. Chijs X, 6)
 Hollandsche Rading Find cat. Type III b (v.d. Chijs var.)

Deventer:

✠ IOH' : EPC : TRA ✠☐✠ IECTENSIS
 MON ETÆ DAV ENT
 ✠ BNDICTV : SIT : NOMES : DNI : NRI : IHV : XPI (v.d. Chijs X, 7)



Hollandsche Rading Find cat. Type II a

✠ IOH' : EPC TRA ✠☐✠ IECTENSIS
 MON ETÆ DAV EVT (die-sinker's error)
 ✠ BNDICTV : SIT : NOMES : DNI : NRI : IHV XPI (v.d. Chijs X, 8)



Hollandsche Rading Find —

✠ IOH' : EPC : TRA ☐✠ IECTENSIS
 MON ETÆ DAV ENT
 ✠ BNDICTV : SIT : NOMES : DNI : NRI : IHV : XPI (v.d. Chijs X, 9)



Hollandsche Rading Find —

✠ IOH' : EPC TRA ☐✠ IECTENSIS
 MON ETÆ DAV ENT
 ✠ BNDICTV : SIT : NOMES : DNI : NRI : IHV XPI (v.d. Chijs X, 10)



Hollandsche Rading Find —

✠ IOH' : EPC TRA ☐✠ IECTENSIS
 MON ETÆ DAV ENT
 ✠ BNDICTV : SIT : NOMES : DNI : NRI : IHV XPI (v.d. Chijs X, 10 var.)



Hollandsche Rading Find cat. II b

✠ IOH' : EPC TRA •☐✠ IECTENSIS
 MON ETÆ DAV ENT
 ✠ BNDICTV : SIT : NOMES : DNI : NRI : IHV XPI (v.d. Chijs —)



Hollandsche Rading Find cat. II c

✠ IOH' : EPC TRÆ  IECTENSIS

MON ETÆ DÆV ENT

✠ BNDICTV : SIT : NOMES : DNI : NRI : IHV XPI

(v.d. Chijs —)



Hollandsche Rading Find cat. II d

Utrecht Mint

Plate IX



v.d. Chijs (Utrecht) pl. IX, 1

✠ IOH' : EPC : TRÆ IECTENSIS

MON ETÆ TRÆ IEC

✠ BNDICTV : SIT : NOMES : DNI : NRI : IHV : XPI



N° 1 dan toont ons reeds duidelijk, dat wij in de 14^e eeuw zijn, door den grooteren middellijn der munt, dan die der geldstukjes van de 13^e eeuw. Wij hebben thans een *dubbele groot* voor ons.

Op de vz. der munt ziet men 's Bisschops borstbeeld met den prachtigen, met edelgesteenten versierden, mijter getooid, vlak van voren. Voor zijne borst heeft hij zijn familiewapen, dat van het Huis Arkel, bestaande uit twee horizontaal boven elkander geplaatste roode banden, tegen den anderen onder en boven getand, op een zilver veld. In den rand leest men:

✠ IOH : EPV : TRX : * IECATEN SIS.

De kz. vertoont een gevoet kruis, hebbende tusschen de beenen het opschrift:

MON | ETX | TRX | IEC

te midden van twee parelcirkels.

In den buitenrand staat:

✠ BNDICTV : SIT : ROME : DNI : NRI : IHV : *PI.

d. i. *Gezegend zij de naam onzes Heeren Jezus Christus.*

De door ons aangetroffene exemplaren dezer munt wegen tusschen de 2,6 en 2,4 w. en bevinden zich in het Koninklijk Penningkabinet, in dat der Leidse Hoogeschool, van het Noord-Brabandsch Genootschap, alsmede van de HH. BEELAERTS, BOONZAJER, WIJLEN KEER, NOOT, DE ROIJE, STRICKER, DE VOOGT, enz.

v.d. Chijs (Utrecht), p. 112 ^[2]

Here v.d. Chijs' illustration (and the known coins) show ✠, while the text transcription gives ♂ as interpunction. According to v.d. Chijs' text, the two symbols right and left of the shield at the bottom of the obverse are stars (specifically: ★ ★). The drawing, however, seems to show 5-lobed rosettes or flowers.

It is clear that v.d. Chijs' cannot be trusted on the finest points of the descriptions and transcriptions.



v.d. Chijs (Utrecht) pl. IX, 2

✠ IOH' : EPC : TRÆ IECTENSIS
 MON ETÆ TRÆ IEC
 ✠ BNDICTV : SIT : NOMB : DNI : NRI : IHV : XPI

* □ *

Here, v.d. Chijs' illustration (and the known coins) show : , while the text transcription gives § (the previously mentioned "fast and loose" pellet/apostrophe problem). According to v.d. Chijs' text description, there are little flowers left and right of the shield, which matches the drawing.

(113)

N° 2, die door ons niet dan in het Koninklijk Kabinet is aangetroffen en 2,4 w. weegt, wijkt alleen van de N° 1 af in de scheidingsteekens tusschen de woorden. Thans zijn die § in plaats van §, doch er bevinden zich ook bloempjes ter zijde van het geslachtswapen van den Bisschop.

N° 3 en 4 wijken, gelijk men zien zal, mede alleen in de tusschenteekens en de bloem- of bladsieraden ter zijde van het stamwapen des Bisschops af.

N° 3, in het Koninklijk Kabinet, weegt 2,1 w.; bij de Heeren MACARÉ en ROEST 2,3 w.

N° 4, in het Koninklijk Kabinet, weegt 2,6 w. en even veel in het Penningkabinet der Leidsche Hoogeschool.

v.d. Chijs (Utrecht), p. 113 ^[2]

Plate X




v.d. Chijs (Utrecht) pl. X, 3-4

✠ IOH' : EPC : TRA IECTENSIS
MON ETÆ TRA IEC

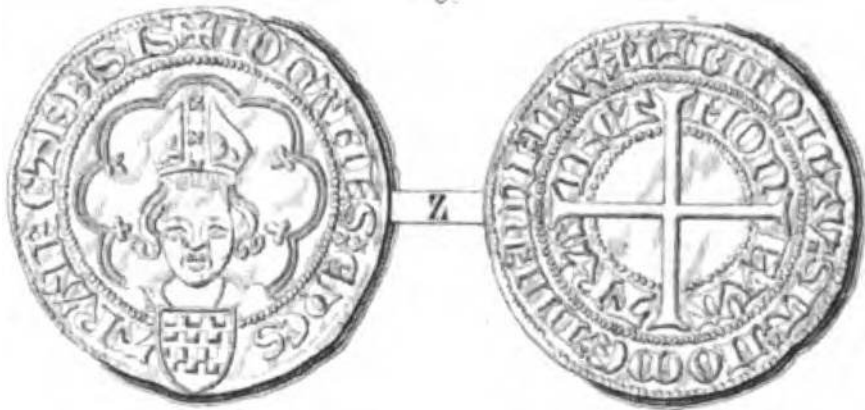
✠ BNDICTV : SIT : NOMES : DNI : NRI : IHV : XPI (v.d. Chijs X, 3)

✠ BNDICTV : SIT : NOMES : DNI : NRI : IHV : XPI (v.d. Chijs X, 4)



In his text, v.d. Chijs does not actually explain what the “decoration” by the shield is (trefoil leaves?), saying only that it, and the interpunction, is “different”. Presumably, the illustrator is trying to convey this mark:  on the reverse of n^o 4 (only?).

Using one obverse and two reverses as v.d. Chijs has done here is **never** a good idea. The obverse of one or the other (3 or 4) is almost guaranteed to be incorrectly illustrated.



v.d. Chijs (Utrecht) pl. X, 5

✠ IOHANNES ✠ EPUS TRARIECTENSIS
 MON ET TRARIECT
 ✠ BNDICTV ✠ SIT ✠ NODD ✠ DNI ✠ NRI ✠ IHV XPI

NE / EN

The legends are quite different from the previous coins, as are the interpunction and several of the letter forms.

N° 5 heeft op de vz. een veel jeugdiger hoofd van den Bisschop dan op de tot dus verre door ons afgebeelde munten. Ook is zijn mijter veel minder sierlijk. Het omschrift der vz. luidt thans:

✠ IOHANNES ✠ EPUS | TRARIECTENSIS.

Op de kz. staat tusschen de beenen van het kruis:

MON | ET | TRAR | IECT

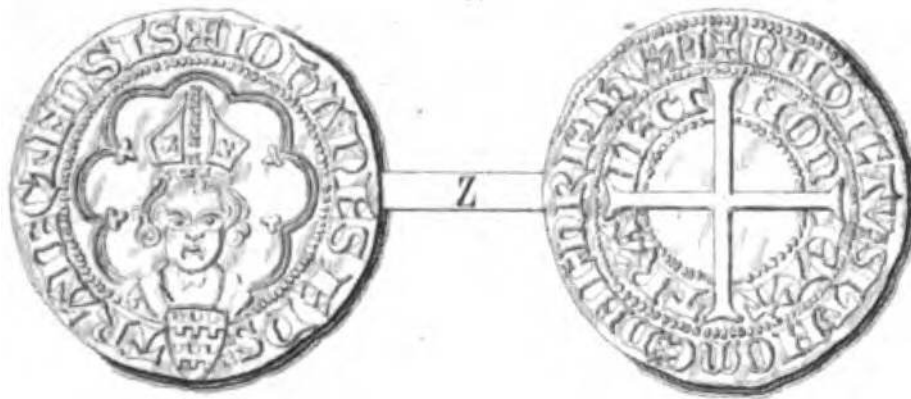
en in den binnenrand:

✠ BNDICTV ✠ SIT ✠ NODD ✠ DNI ✠ NRI ✠ IHV ✠ PI.

Z. weegt 2,3 w. in ons Kabinet; 2,4 w. woog het exemplaar vroeger in bezit van den Heer DE WIJS; 2,45 dat van den Heer STRICKER; 2,556, eindelijk, dat in het Kabinet van wijlen den Heer KEER.

De Heer BEELAERTS bezit een exemplaar met HOMD in het opschrift der kz.

v.d. Chijs (Utrecht), p. 113 ^[2]



v.d. Chijs (Utrecht) pl. X, 6

N° 6, uit het Kabinet van den Kolonel noot, weegt 2,6 w. en heeft op de
vz., rondom 's Bisschops borstbeeld, thans een veel fraaijer mijter en het opschrift:

✠ IOHANNES EPS ꝛ TRÆIECTENSIS.

De kz. biedt alleen verschil aan in den vorm der letter **Ω** in het woord
NOME.

v.d. Chijs (Utrecht), p. 113

✠ IOHANNES EPS ꝛ TRÆIECTENSIS
MON ETÆ TRÆ IECT
✠ BNDICTV ꝛ SIT ꝛ NOME ꝛ DNI ꝛ ORI ꝛ IHV XPI

NE / EN

According the v.d. Chijs, the only difference on the reverse between his **X, 5** and **X, 6** is the form of the **M** in NOME.

There are no examples of “v.d. Chijs **X, 6**” in the Hollandsche Rading, only several examples of a variant (?) thereof. These extant coins have a double **x** mark after IOHANES, and the spelling EPCS, just like the **X, 5** coins. There is no sign of any double **x** mark after EPCS (not the EPS given by v.d. Chijs). This Hollandsche Rading sub-type is not listed in v.d. Chijs at all.

The basic difference between v.d. Chijs **X, 5** and v.d. Chijs **X, 6 {var.}** is that the former has an **NE** and **EN** combination on the obverse, while the latter has **NE** and **EN**.

Plate XXVIII

v.d. Chijs (*Utrecht*) pl. XXVIII, 1

✠ IOH' * EPD : TRÆ * ◻ * IECTENSIS
 MON ETÆ TRÆ IEC
 ✠ BNDICTV : SIT : NOMB : DNI : DRI : IHV : XPI
 I A A E

Later is ons nog een *dubbele groot* van Utrecht uit de Verzameling van den Heer MUNNICKS VAN CLEEFF geworden. Wij hebben die laten afbeelden op Pl. XXVIII.

De type is gelijk aan die van N° 1, doch de diameter is thans aanmerkelijk grooter; ook hebben de letters van het omschrift der vz. eenen grooteren vorm;

15

(114)

het gewigt der tegenwoordige munt is 3,6 w.; dus een wigtje meer dan der overige *dubbele grooten*. Het binnenste omschrift wordt geschreven:

MON | ETÆ | TRÆ | IEC.

Tusschen de beenen van het kruis vertoonen zich de letters:

I A A E

zijnde ongetwijfeld de eerste van *Johannes ab Arkel Episcopus*.

v.d. Chijs (*Utrecht*), pp. 113-114 ^[2]

This sub-type is unusual, as it has a letter in each of the quadrants. We cannot comment further on this sub-type, as there were no examples in the Hollandsche Rading Find, and I have never seen a specimen myself.

Deventer Mint

Plate X

Vier verschillende *dubbele grooten* van Deventer worden door ons op Plaat X medegedeeld. Zij zijn N° 7—10.

N° 7 heeft de vz. gelijk aan die van N° 1.

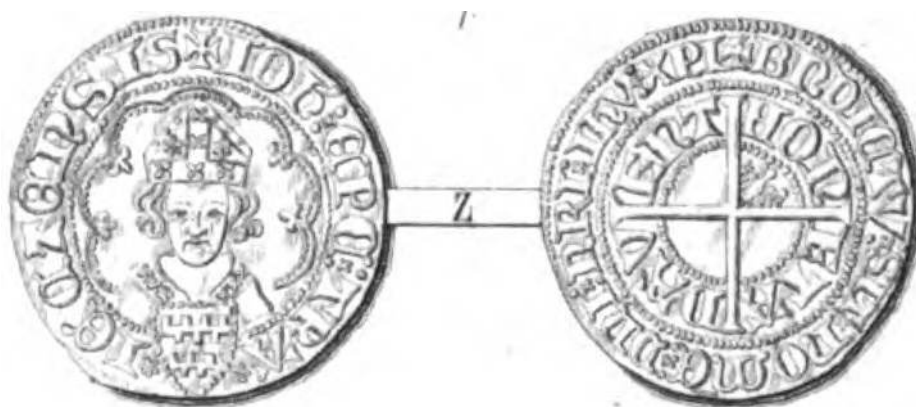
Op de kz. vertoont zich een arendje (het wapen van Deventer) tusschen twee beenen van het kruis. Het omschrift is:

MON | ETÆ | DAV | ENT.


De ornamenten tusschen de woorden zijn mede even als die op de voor- en keerzijde van N° 1.

Een exemplaar *à fleur de coin*, in het Leidsch Penningkabinet, weegt 2,55; een dito bij den Heer BEELAERTS 2,6; een ander, in het Koninkl. Kabinet, 2,45; een van wijlen den Heer KEER 2,51; een in onze Verzameling 2,45; een bij den Heer NOOT 2,4 w.

v.d. Chijs (Utrecht), p. 114 ^[2]

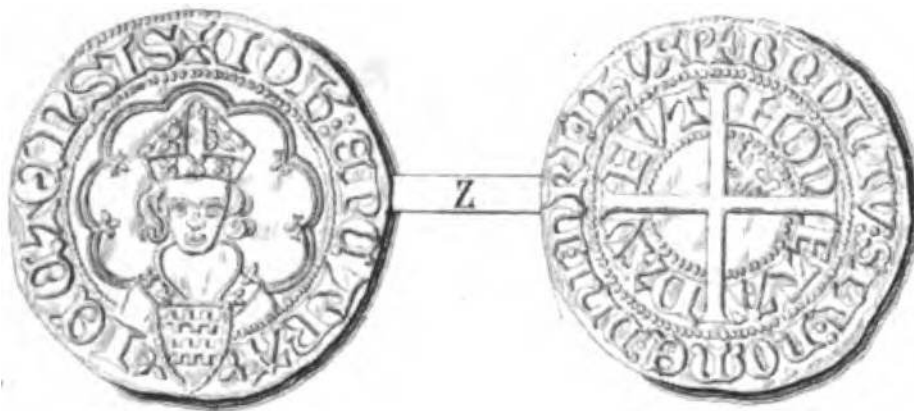


v.d. Chijs (Utrecht) pl. X, 7

✠ IOH' : EPC : TRÆ IECTEN̄SIS
 MON ETÆ DAV ENT
 ✠ BNDICTV : SIT : NOM̄E : DNI : NRI : IHV : XPI
 |

✠ □ ✠

V.d. Chijs' text gives barless A's, but the illustration shows A's with crossbars. Furthermore, the text give DAVENT, while the illustration (and all the known coins) have DAVENT; this is almost certainly an error on v.d. Chijs' part.



v.d. Chijs (Utrecht) pl. X, 8

✠ IOH' : EPC TRA ✧ ✧ IECTENSIS
 MON ETÆ DAV EVT
 ✠ BNDICTV : SIT : DOMB : DNI : DRI : IHV XPI
 |✠

N° 8 heeft bladsieraden ter zijde van het wapen op de vz. en in het omschrift op de kz. het fautive:

MON | ETÆ | DAV | EVT.

Weegt 2,5 w. en bevindt zich in het Koninklijk Kabinet.

N° 9 heeft, ter zijde van het borstbeeld op de vz., slechts één bladsieraad en tusschen de woorden de afscheiding: ✧; op de kz. daarentegen bestaat die afscheiding uit: ✧

Werd door ons geteekend naar een exemplaar bij den Heer DE VOOGT, wegende 2,65 w.

N° 10 heeft het arendje op de kz. aan de linker- in plaats van aan de rechterzijde der munt.

Het stuk weegt 2,6 w. en is door ons aangetroffen bij de Heeren STRICKER en DE ROIJE VAN WICHEN.

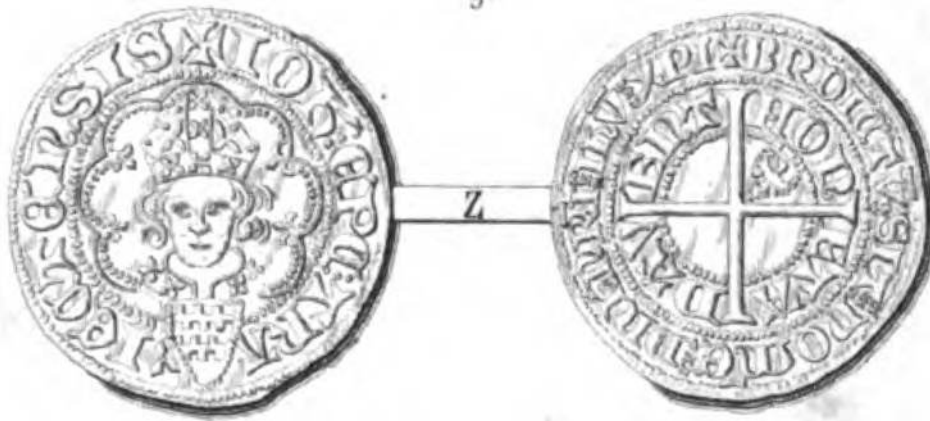
v.d. Chijs (Utrecht), p. 114 ^[2]

Once again, v.d. Chijs is playing it “fast and loose” with the pellets, which he transcribes as annulets (and x as ★). V.d. Chijs specifically points out the difference between obverse and reverse interpunction.

V.d. Chijs describes his **n° 10** as having the eagle in a different quadrant on the reverse with no further information; he thus implies that the differing interpunction from **X, 9** appears on this sub-type as well, although this does not seem to be the case in the drawing of **v.d. Chijs X, 10**.

Note as well that there is no mark after IHV in the drawing of **v.d. Chijs X, 10**, while there is in the drawing of **v.d. Chijs X, 9** (this too is unmentioned by v.d. Chijs in his text).

V.d. Chijs makes no note of the fact that his drawings show two trefoils by the shield for **X, 8**, but only one for **X, 9** and **X, 10**.





v.d. Chijs (Utrecht) pl. X, 9

✠ IOH' : EPC : TRÆ ◻ ✠ IECTENSIS
 MON ETÆ DAV ENT
 ✠ BNDICTV : SIT : NOMB : DNI : NRI : IHV : XPI
 |



v.d. Chijs (Utrecht) pl. X, 10

✠ IOH' : EPC TRA'  ✠ IECTENSIS
MON ET' D'N' EN'
✠ BNDICTV : SIT : NOME : DNI : NRI : IHV XPI


Note the curlicue **Ń**, as well as the eagle in quadrant 1 (not quadrant 2) and the barless **A**'s.
There is no apparent mark after EPC on the obverse.

Previous Literature: Van der Meer

There were a number of Utrecht bishop's head *groten* in the Arnhem Hoard (1957), as reported by G. v.d. Meer (ref. 16).

V.d. Meer (**Item 10 a-e**) cites v.d. Chijs as a reference, but she does not align her items with v.d. Chijs' numbers (except her **10 e**).

<i>Bisdom Utrecht</i>			
Jan van Arkel (1342—1364)			
*10. groot Utrecht	v.d.C. 9,1-2	13	
*a. (2,31—2,55 g, gehalte $\pm 0,900$) kruisjes op kraag van bisschop, rozetten op mijter en naast wapenschild, interpunctie \dot{x} , omschrift vz. IOH' \dot{x} EPC \dot{x} TRA-IECTENSIS	10,3-4	8	
b. (2,36—2,43 g, gehalte $\pm 0,930$) id., interpunctie $\dot{;}$		3	
c. (2,51 g, gehalte $\pm 0,920$) kruisjes op kraag van bisschop, klaverbladen op mijter en naast wapenschild, interpunctie $\dot{;}$		1	
d. (2,38 g), id., interpunctie $\dot{;}$		1	
e. In het K.P.K. bevindt zich nog een ex. met klaverbladen op mijter, geen sieraden naast het wapenschild, interpunctie \dot{x} , omschrift vz. IOHANES \dot{x} EPCS-TRAIECTENSIS (v. d. C. 10,5).			

G. v. d. Meer, JMP 1959, p. 10 ^[16]

The likely correspondences are:

v.d. Meer 10 a	v.d. Chijs IX, 1
v.d. Meer 10 b	v.d. Chijs IX, 2
v.d. Meer 10 c	v.d. Chijs X, 3
v.d. Meer 10 d	v.d. Chijs X, 4
v.d. Meer 10 e	v.d. Chijs X, 5

Hollandsche Rading Find *Leeuwengroten*

See *The Leeuwengroten of the Hollandsche Rading Find (2016)* (ref. 15) for photographs and detailed descriptions of the 33 Flemish *leeuwengroot* coins found in the “hoard”.

CONCLUSION

The coins of the Hollandsche Rading Find (2016) are divided as follows:

	107				Total coins in Find
		33			Flanders : Louis II of Male (1346-1384)
			33		<i>leeuwengroten</i>
				0	Issue I
					Issue II (5-lobed border leaves)
				15	straight stem
				6	curved stem
				4	indeterminate stem
				8	Issue III
				0	Issues IV - VIII
		73			Utrecht : Jan van Arkel (1342-1364)
			73		<i>bishop's head groten</i>
				54	Type I – IOH / Utrecht
				12	Type II – IOH / Deventer
				6	Type III – IOHANES / Utrecht
				1	unknown
		1			{ Holland : William V (1350-1389) }
			1		<i>{ groot }</i>
	107				Total coins in Find
		33			Flemish <i>leeuwengroten</i>
		73			Jan van Arkel <i>groten</i>
		1			{ Holland <i>groot</i> }

Acknowledgements

The author is greatly indebted to the following people, without whom this paper would not have been possible: Paul Callewaert, Anton Cruysheer, Jeroen de Hartog (MPO), Stijn Heeren (PAN), Jan Ooms (the original finder of the coins) and his sons, Raymond van Oosterhout, Marco van Riemsdijk (MPO), Heritage Auction / Munten en Postzegel Organisatie (MPO), and of course, the anonymous metal detector users who found and retrieved the remaining coins.

All photographs © their respective owners. Used with permission.

LITERATURE

In order to maintain the integrity of the footnote numbering, we have used the same bibliography (1-14) from our original report on the Hollandsche Rading *leeuwengroten* (ref. 15). New sources have been added at the end.

[1]

Determinatieverslag: 14^e eeuwse zilveren muntschat. Deel II (Utrechtse groten, groten)

Paul Callewaert

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unpublished

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De munten der Bisschoppen, van de heerlijkheid en de stad Utrecht van de voegste tijden tot aan de Pacificatie van Gend

P. O. van der Chijs

Erven F. Bohn, Haarlem

1859

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Recherches sur les Monnaies des Comtes de Flandre

Victor Gaillard

Ghent, 1852 & 1857

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De Muntslag van de Graven van Holland tot de Bourgondische Unificatie in 1434

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J.J. Grolle

De Nederlands Bank N.V.

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ISBN 90-804784-3-1

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De leeuwengroten met het kruisje van Lodewijk van Male – Een proeve van (her)classificatie

Aimé Haeck

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Het Munthuis in Gent

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Jean-Claude Martiny

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ISBN: 978-94-6161-135-2

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Ghent, 2016

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A Preliminary Look at the Leeuwengroten of Louis of Mâle (1346-1384): Issues IV and V

Paul Torongo & Raymond van Oosterhout

Rotterdam, 2015

Academia.edu

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Herent, 1996

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Jeroen de Hartog (MPO) & Marco van Riemsdijk (MPO) – Paul Torongo
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[15]
The Leeuwengroten of the Hollandsche Rading Find (2016)
Paul Torongo
Rotterdam, 2018
Academia.edu

[16]
Gay van der Meer
Arnhem 1957
Jaarboek voor Munten- en Penningkunde 46 (1959)
pp. 1-36 + plates I-V

[17]
private correspondence
Stijn Heeren – Paul Torongo
2020

APPENDIX:

The Weights of the Coins of the Hollandsche Rading Find (2016)

The Hollandsche Rading, Jan van Arkel coins are numbered JvA 1-65 according to Callewaert's original report (unpublished, ref. 1), with the addition of nos. 66-73, and are presented here per **type** and by sub-type. The majority of the coins are Type I.

PAN-00080580 is the catch-all number used for the coins for which the PAN has no photos (itself).

The PAN number for the entire find is **PAN-S-0020**.

Bishop's head *grotten* by number:

COUNT	GRAMS	NUMBER		PAN
1	2.48	JVA-01 (v1)		PAN-00060000
2	2.58	JVA-02 (v1)		PAN-00060003
3	2.58	JVA-03 (v1)		PAN-00060006
4	2.43	JVA-04 (v1)		PAN-00060007
5	2.56	JVA-05 (v1)		PAN-00060010
6	2.39	JVA-06 (v1)	(v1)	PAN-00060013
7	2.55	JVA-07 (v1)	(v1)	PAN-00060015
8	2.64	JVA-08 (v1)		PAN-00060022
9	2.54	JVA-09 (v1)	(v1)	PAN-00060025
10	2.41	JVA-10 (v1)	(v1)	PAN-00060032
11	2.48	JVA-11 (v1)		PAN-00060051
12	2.43	JVA-12 (v1)	(v1)	PAN-00060052
13	2.43	JVA-13 (v1)		PAN-00060053
14	2.48	JVA-14 (v1)		PAN-00060054
15	2.45	JVA-15 (v1)	(v1)	PAN-00060055
16	2.45	JVA-16 (v1)	(v1)	PAN-00060056
17	2.41	JVA-17 (v1)	(v1)	PAN-00060057
18	2.45	JVA-18 (v1)	(v1)	PAN-00060058
19	2.57	JVA-19 (v1)		PAN-00060059
20	2.45	JVA-20 (v2-3)	(v2-3)	
21	2.50	JVA-21 (v2-3)	(v2-3)	
22	2.42	JVA-22 (v2-3)	(v2-3)	
23	2.38	JVA-23 (v2-3)	(v2-3)	
24	2.57	JVA-24 (v2-3)	(v2-3)	
25	2.37	JVA-25 (v2-3)	(v2-3)	
26	2.33	JVA-26 (v2-3)	(v2-3)	
27	2.38	JVA-27 (v2-3)	(v2-3)	
28	2.58	JVA-28 (v2-3)	(v2-3)	
29	2.57	JVA-29 (v2-3)	(v2-3)	

Bishop's head *groten* by number (cont.):

COUNT	GRAMS	NUMBER		PAN
30	2.37	JVA-30 (v2-3)	(v2-3)	
31	2.46	JVA-31 (v2-3)	(v2-3)	
32	2.42	JVA-32 (v2-3)	(v2-3)	
33	2.42	JVA-33 (v2-3)	(v2-3)	
34	2.55	JVA-34 (v2-3)	(v2-3)	
35	2.42	JVA-35 (v2-3)	(v2-3)	
36	2.52	JVA-36 (v2-3)	(v2-3)	
37	2.48	JVA-37 (v2-3)	(v2-3)	
38	2.28	JVA-38 (v2-3)	(v2-3)	
39	2.49	JVA-39 (v2-3)	(v2-3)	
40	2.18	JVA-40 (v2-3)	(v2-3)	
41	2.55	JVA-41 (v2-3)	(v2-3)	
42	2.48	JVA-42 (v2-3)	(v2-3)	
43	2.48	JVA-43 (v2-3)	(v2-3)	
44	2.36	JVA-44 (v2-3)	(v2-3)	
45	2.11	JVA-45 (v2-3)	(v2-3)	
46	0.86	JVA-46 (v1)		<i>broken</i>
47	2.51	JVA-47 (v5)		PAN-00060127
48	2.59	JVA-48 (v5)		PAN-00060125
49	1.99	JVA-49 (v9)		PAN-00071817
50	2.47	JVA-50 (v5)		PAN-00060120
51	2.36	JVA-51 (v5)		PAN-00060122
52	2.51	JVA-52 (v5)		PAN-00060118
53	2.51	JVA-53 (v7)		
54	?	JVA-54 (v4)	MPO 5766	
55	?	JVA-55 (v4)	MPO 5760	
56	?	JVA-56 (v4)	MPO 5763	
57	?	JVA-57 (v4)	MPO 5758	
58	?	JVA-58 (v4)	MPO 5759	
59	?	JVA-59 (v4)	MPO 5769	
60	?	JVA-60 (v4)	MPO 5762 / 5816	
61	?	JVA-61 (v4)	MPO 5768	
62	?	JVA-62 (v4)	MPO 5761	
63	?	JVA-63 (v4)	MPO 5767	
64	?	JVA-64 (v4)	MPO 5765	
65	?	JVA-65 (v4)	MPO 5764	
66	?	JVA-66 (v4)	MPO-5811	
67	?	JVA-67 (v4)	MPO-5812	
68	?	JVA-68 (v4)	MPO-5813	
69	?	JVA-69 (v4)	MPO-5814	
70	?	JVA-70 (v4)	MPO-5815	
71	?	JVA-71 (v4)	MPO-5817	
72	?	JVA-72 (v4)	MPO-5818	
73	?	JVA-73 (v4)	no photo	

Bishop's head *grotten* by weight:

COUNT	GRAMS	NUMBER		PAN
1	2.64	JVA-08 (v1)		PAN-00060022
2	2.59	JVA-48 (v5)		PAN-00060125
3	2.58	JVA-02 (v1)		PAN-00060003
4	2.58	JVA-03 (v1)		PAN-00060006
5	2.58	JVA-28 (v2-3)	(v2-3)	
6	2.57	JVA-19 (v1)		PAN-00060059
7	2.57	JVA-24 (v2-3)	(v2-3)	
8	2.57	JVA-29 (v2-3)	(v2-3)	
9	2.56	JVA-05 (v1)		PAN-00060010
10	2.55	JVA-07 (v1)	(v1)	PAN-00060015
11	2.55	JVA-34 (v2-3)	(v2-3)	
12	2.55	JVA-41 (v2-3)	(v2-3)	
13	2.54	JVA-09 (v1)	(v1)	PAN-00060025
14	2.52	JVA-36 (v2-3)	(v2-3)	
15	2.51	JVA-47 (v5)		PAN-00060127
16	2.51	JVA-52 (v5)		PAN-00060118
17	2.51	JVA-53 (v7)		
18	2.50	JVA-21 (v2-3)	(v2-3)	
19	2.49	JVA-39 (v2-3)	(v2-3)	
20	2.48	JVA-01 (v1)		PAN-00060000
21	2.48	JVA-11 (v1)		PAN-00060051
22	2.48	JVA-14 (v1)		PAN-00060054
23	2.48	JVA-37 (v2-3)	(v2-3)	
24	2.48	JVA-42 (v2-3)	(v2-3)	
25	2.48	JVA-43 (v2-3)	(v2-3)	
26	2.47	JVA-50 (v5)		PAN-00060120
27	2.46	JVA-31 (v2-3)	(v2-3)	
28	2.45	JVA-15 (v1)	(v1)	PAN-00060055
29	2.45	JVA-16 (v1)	(v1)	PAN-00060056
30	2.45	JVA-18 (v1)	(v1)	PAN-00060058
31	2.45	JVA-20 (v2-3)	(v2-3)	
32	2.43	JVA-04 (v1)		PAN-00060007
33	2.43	JVA-12 (v1)	(v1)	PAN-00060052
34	2.43	JVA-13 (v1)		PAN-00060053
35	2.42	JVA-22 (v2-3)	(v2-3)	
36	2.42	JVA-32 (v2-3)	(v2-3)	
37	2.42	JVA-33 (v2-3)	(v2-3)	
38	2.42	JVA-35 (v2-3)	(v2-3)	
39	2.41	JVA-10 (v1)	(v1)	PAN-00060032
40	2.41	JVA-17 (v1)	(v1)	PAN-00060057
41	2.39	JVA-06 (v1)	(v1)	PAN-00060013
42	2.38	JVA-23 (v2-3)	(v2-3)	
43	2.38	JVA-27 (v2-3)	(v2-3)	
44	2.37	JVA-25 (v2-3)	(v2-3)	

Bishop's head *grotten* by weight (cont.):

COUNT	GRAMS	NUMBER		PAN
45	2.37	JVA-30 (v2-3)	(v2-3)	
46	2.36	JVA-44 (v2-3)	(v2-3)	
47	2.36	JVA-51 (v5)		PAN-00060122
48	2.33	JVA-26 (v2-3)	(v2-3)	
49	2.28	JVA-38 (v2-3)	(v2-3)	
50	2.18	JVA-40 (v2-3)	(v2-3)	
51	2.11	JVA-45 (v2-3)	(v2-3)	
52	1.99	JVA-49 (v9)		PAN-00071817
53	0.86	JVA-46 (v1)		<i>broken</i>
54	?	JVA-54 (v4)	MPO 5766	
55	?	JVA-55 (v4)	MPO 5760	
56	?	JVA-56 (v4)	MPO 5763	
57	?	JVA-57 (v4)	MPO 5758	
58	?	JVA-58 (v4)	MPO 5759	
59	?	JVA-59 (v4)	MPO 5769	
60	?	JVA-60 (v4)	MPO 5762 / 5816	
61	?	JVA-61 (v4)	MPO 5768	
62	?	JVA-62 (v4)	MPO 5761	
63	?	JVA-63 (v4)	MPO 5767	
64	?	JVA-64 (v4)	MPO 5765	
65	?	JVA-65 (v4)	MPO 5764	
66	?	JVA-66 (v4)	MPO-5811	
67	?	JVA-67 (v4)	MPO-5812	
68	?	JVA-68 (v4)	MPO-5813	
69	?	JVA-69 (v4)	MPO-5814	
70	?	JVA-70 (v4)	MPO-5815	
71	?	JVA-71 (v4)	MPO-5817	
72	?	JVA-72 (v4)	MPO-5818	
73	?	JVA-73 (v4)	no photo	

Leeuwengroten by number:

COUNT	GRAMS	NUMBER	ISSUE	notes
1	2.78	LG-01 (v1)	3	PAN-00060060
2	3.04	LG-02 (v1)	2 ♣	PAN-00060061
3	2.58	LG-03 (v1)	2 ♣	PAN-00060062
4	2.83	LG-04 (v1)	2 ♣	PAN-00060063
5	3.04	LG-05 (v1)	3	PAN-00060064
6	1.99	LG-06 (v2/3)	2 ♣	
7	2.13	LG-07 (v2/3)	2 ♣	
8	2.33	LG-08 (v2/3)	3	
9	2.70	LG-09 (v2/3)	2 ♣	
10	2.35	LG-10 (v2/3)	2 [?]	
11	2.83	LG-11 (v2/3)	2 ♣	
12	1.95	LG-12 (v2/3)	2 ♣	
13	2.10	LG-13 (v2/3)	2 ♣	
14	2.05	LG-14 (v2/3)	2 ♣	
15	1.82	LG-15 (v2/3)	3	
16	2.12	LG-16 (v2/3)	2 ♣	
17	2.72	LG-17 (v2/3)	2 ♣	
18	2.68	LG-18 (v2/3)	2 ♣	
19	2.88	LG-19 (v2/3)	2 ♣	
20	2.10	LG-20 (v8)	2 ♣	
21	1.07	LG-21 (v9)	2 (half)	PAN-00071816
22	2.84	LG-22 (v5)	2 ♣	PAN-00060121
23	2.45	LG-23 (v5)	2 ♣	PAN-00060119
24	2.85	LG-24 (v5)	3	PAN-00060124
25	1.23	LG-25 (v6)	3	PAN-00060114
26	1.40	LG-26 (v6)	2 ♣	PAN-00060115
27	?	LG-27 (v4)	3	MPO 5204-A
28	?	LG-28 (v4)	2 ♣	MPO 5204-B
29	?	LG-29 (v4)	3	MPO 5204-C
30	?	LG-30 (v4)	3	MPO 5204-D
31	?	LG-31 (v4)	2	COMES
32	?	LG-32 (v4)	2	COMES
33	1.01	LG-33 (v10)	2 (half)	

Leeuwengroten by weight:

COUNT	GRAMS	NUMBER	ISSUE	notes
1	3.04	LG-02	2 ♣	PAN-00060061
2	3.04	LG-05	3	
3	2.88	LG-19	2 ♣	
4	2.85	LG-24	3	PAN-00060124
5	2.84	LG-22	2 ♣	PAN-00060121
6	2.83	LG-04	2 ♣	PAN-00060063
7	2.83	LG-11	2 ♣	
8	2.78	LG-01	3	PAN-00060060
9	2.70	LG-09	2 ♣	
10	2.72	LG-17	2 ♣	
11	2.68	LG-18	2 ♣	
12	2.58	LG-03	2 ♣	PAN-00060062
13	2.45	LG-23	2 ♣	PAN-00060119
14	2.35	LG-10	2	
15	2.33	LG-08	3	
16	2.13	LG-07	2 ♣	
17	2.12	LG-16	2 ♣	
18	2.10	LG-13	2 ♣	
19	2.10	LG-20	2 ♣	
20	2.05	LG-14	2 ♣	
21	1.99	LG-06	2 ♣	
22	1.95	LG-12	2 ♣	
23	1.82	LG-15	3	
24	1.40	LG-26	2 ♣	PAN-00060115
25	1.23	LG-25	3	PAN-00060114
26	?	LG-27	3	MPO 5204-A
27	?	LG-28	2 ♣	MPO 5204-B
28	?	LG-29	3	MPO 5204-C
29	?	LG-30	3	MPO 5204-D
30	?	LG-31	2	COMES
31	?	LG-32	2	COMES
32	1.07	LG-21	2 (half)	PAN-00071816
33	1.01	LG-33	2 (half)	

Leeuwengroten by Issue:

COUNT	GRAMS	NUMBER	ISSUE	notes
1	3.04	LG-02	2 ♣	PAN-00060061
2	2.58	LG-03	2 ♣	PAN-00060062
3	2.83	LG-04	2 ♣	PAN-00060063
4	2.13	LG-07	2 ♣	
5	1.95	LG-12	2 ♣	
6	2.12	LG-16	2 ♣	
7	2.72	LG-17	2 ♣	
8	2.88	LG-19	2 ♣	
9	2.10	LG-20	2 ♣	
10	2.84	LG-22	2 ♣	PAN-00060121
11	1.40	LG-26	2 ♣	PAN-00060115
12	1.99	LG-06	2 ♣	
13	2.70	LG-09	2 ♣	
14	2.83	LG-11	2 ♣	
15	2.10	LG-13	2 ♣	
16	2.05	LG-14	2 ♣	
17	2.68	LG-18	2 ♣	
18	2.45	LG-23	2 ♣	PAN-00060119
19	?	LG-28	2 ♣	MPO 5204-B
20	2.35	LG-10	2	
21	1.07	LG-21	2 (half)	PAN-00071816
22	1.01	LG-33	2 (half)	
23	?	LG-31	2	
24	?	LG-32	2	
25	2.78	LG-01	3	PAN-00060060
26	3.04	LG-05	3	
27	2.33	LG-08	3	
28	1.82	LG-15	3	
29	2.85	LG-24	3	PAN-00060124
30	1.23	LG-25	3	PAN-00060114
31	?	LG-27	3	MPO 5204-A
32	?	LG-29	3	MPO 5204-C
33	?	LG-30	3	MPO 5204-D

The Hollandsche Rading Find coins by finder:

finder	<i>Leeuwengroten</i>	<i>Utrecht groten</i>	Holland groot
v 1	5	20	1
v 2	7	13	-
v 3	7	13	-
v 4	6	20	-
v 5	3	5	-
v 6	2	0	-
v 7	0	1	-
v 8	1	0	-
v 9	1 (broken)	1	-
v 10	1 (broken)	0	-
10	33	73	1

107 coins in total (including 1 *Holland groot* that may or may not be associated: PAN-00060065)



PAN-00060065
v 1 JO / 1.55 g.
HG-01

County of Holland

William V, Count of Holland and Zeeland
 (1350-1389)

v.d. Chijs 6.25

Grolle Type 17.9.2 a ("Issue of 1378")