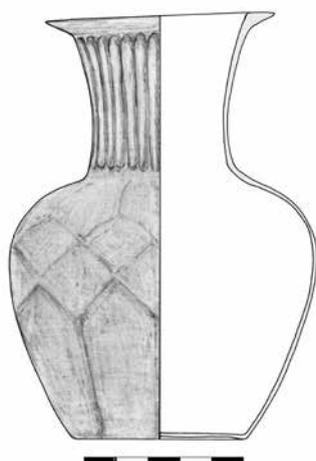


Metalwork from the 10th to the 13th Century. Catalogue

Cat. No. M1

HNM 05.03.86l, see Fig. 1
Vase, Khorasan, 8th–10th CE
High-tin bronze; cast
Size (cm): h. 13.2; w. 0.15; d. 7



Small vase with lobed, high neck and elongated body; flat base; flat everted rim. On the lower body from just above the base to c. 1.5 cm below the neck a row of standing leaves (lotus) followed by a network of interlaced lozenges.

Cat. No. M2

HNM 03.14.86, see Fig. 2
Large jug, Khorasan, 8th–10th CE
High-tin bronze; cast
Size (cm): h. 14.7; d. 12.5
Jug with bulbous, polyhedral body; flat shoulder, conical, fluted neck; everted rim; round, vertical handle below shoulder; flat base.

Cat. No. M3

HNM 01.04.86, see Fig. 3
Tray, Khorasan, 10th–11th CE
High-tin bronze; sheet metal, hammered
Size (cm): h. 6.3; d. 35.5
Shallow tray with flat base and straight wall. No decoration.

Cat. No. M4

HNM 01.05.86, see Fig. 7
Tray, Khorasan, 10th–11th CE

High-tin bronze; sheet metal, hammered; incised, punched
Size (cm): h. 6.5; d. 36.7
Shallow tray with flat base and straight wall. Incised and punched decoration based on circles. Centrally placed, three-petalled rosette, surrounded by alternating groups of punched dots forming a wavy line or a lozenge respectively; outer framing band with diagonally placed lines of punched dots.

Cat. No. M5

HNM 01.07.86, see Fig. 8
Tray, Khorasan, 10th–11th CE
High-tin bronze; sheet metal, hammered; punched
Size (cm): h. 5; d. 33
Shallow tray with flat base and straight wall. Incised and punched decoration, based on circles. Centrally placed three-petalled rosette surrounded by alternating groups of punched dots forming a wavy line or a lozenge respectively; outer framing band with diagonally set lines of punched dots.

Cat. No. M6

HNM 01.26.86, see Fig. 4
Tray, Khorasan, 10th–11th CE
High-tin bronze; sheet metal, hammered, turned
Size (cm): h. 4.2; d. 25.2
Shallow tray with flat base and straight wall. Outside: traces of turning. Inside: three incised concentric circles.

Cat. No. M7

HNM 01.03.86
Tray, Khorasan, 10th–11th CE



High-tin bronze; sheet metal, hammered
Size (cm): h. 3.7; d. 37.5
Shallow tray with flat base and straight wall. Decoration hardly visible due to corrosion: punched (?).
Six-pointed star composition.

Cat. No. M8

HNM 01.18.86, see Fig. 9
Tray with incised and punched decoration
Khorasan, 10th–11th CE
High-tin bronze; sheet metal, hammered; punched
Size (cm): h. 4.4; d. 26.3
Shallow tray with flat base and straight wall. Incised and punched decoration: three concentric circles forming a frieze. Narrow outer band filled with punched roundels. In the central area three incised circles form three lozenge-shaped elements framed by punched circles.

Cat. No. M9

HNM 01.31.86a
Tray, Khorasan, 10th–11th CE
High-tin bronze; sheet metal, hammered; incised, punched
Size (cm): h. 5.2; d. 24.7



Shallow tray with flat base and straight wall. Incised and punched decoration: three-petalled rosette, framed by punched dots, spandrels filled with dots; framing band with punched dots.

Cat. No. M10

HNM 01.32.86
Tray, Khorasan, 10th–11th CE



High-tin bronze; sheet metal, hammered; punched, incised
Size (cm): h. 6; d. 39
Shallow tray with flat base and straight wall.

Incised and punched decoration: centrally placed three-petalled rosette; spandrels filled with V-shapes; central composition surrounded by groups of dots, composition not clearly visible due to corrosion.

Cat. No. M11

HNM 02.07.86b
Tray, Khorasan, 10th–13th CE (?)
High-tin bronze; cast; incised
Size (cm): h. 3.3; d. 22.8



Shallow tray with low wall on low footring. Incised decoration around upper part of wall: highly stylised wavy scrolls, framed by bands of vertical strokes and small triangles. Modern?

Cat. No. M12

HNM 01.12.86, see Fig. 11
Hemispherical bowl with incised and engraved decoration, Khorasan, 10th–11th CE
High-tin bronze; sheet metal, hammered; incised, engraved
Size (cm): h. 10.5; d. 24.2
Hemispherical bowl, rounded base. On the outer wall punched and engraved decoration (from bottom to top): engraved zigzag band, alternating groups of four punched circles, framed by circular lines; upper border composed of punched circles.

Cat. No. M13

HNM 01.16.86, see Fig. 12
Bowl with chased and engraved decoration Khorasan, 10th–12th CE
High-tin bronze; cast; engraved, punched
Size (cm): h. 4.9; d. 17.2
Bowl with low wall and slightly concave base. Incised and punched decoration on outer wall: central roundel with six-lobed rosettes, framed by eleven triangles with inscribed circles; triangles framed by half-circles; followed by a pearl band bordure and a series of alternating vertical strokes and circles.

Cat. No. M14

HNM 01.17.86, see Fig. 5
Hemispherical bowl, Khorasan, 11th–12th CE
High-tin bronze; sheet metal, hammered
Size (cm): h. 9.5; d. 19
Hemispherical bowl with round bottom. Traces of turning in- and outside.

Cat. No. M15

HNM 01.21.86, see Fig. 10
Hemispherical bowl with incised and punched decoration, Khorasan, 11th–12th CE
High-tin bronze; sheet metal, hammered; incised, punched
Size (cm): h. 12; d. (rim) 26
Hemispherical bowl, slightly rounded base. On the outer wall incised and punched decoration. Wall: narrow intersecting triangles filled with punched dots and circles, upper framing border with punched dots and circles. Bottom: six-pointed star.

Cat. No. M16

HNM 01.28.86, see Fig. 6
Hemispherical bowl, Khorasan, 10th–11th CE
High-tin bronze; sheet metal, hammered; turned
Size (cm): h. 7.5; d. 18
Hemispherical bowl without footring. Circular traces of turning inside.

Cat. No. M17

HNM 04.03.86b, see Fig. 13
Hemispherical bowl, Khorasan, 10th–11th CE
High-tin bronze; cast, hammered; incised, punched
Size (cm): h. 11.8; d. 29
Hemispherical bowl with rounded base.

Incised and punched decoration outside and inside.

Outside:

- centrally placed four-pointed star framed by a quadrangle. Hollow circles aligned in two concentric rings. The whole composition is framed by a frieze of punched circles
 - wall is densely covered with a broad band of vertical, oblong, pointed elements filled with series of hollow and punched circles
 - band of crosswise hatching
- Inside:
- decoration is cast. Central pattern of four circles surrounded by a line

Cat. No. M18

HNM 02.28.86b
Bowl, Khorasan, 10th–11th CE
High-tin bronze; sheet metal, hammered; turned; punched, incised
Size (cm): h. 6.5; d. 13.6



Deep hemispherical bowl, flat base. Punched and incised decoration outside (from bottom to top): rosette of seven roundels surrounded by eight roundels; 19-pointed zigzag band on lower wall. Two engraved lines framing rim. Traces of punched decoration visible inside.

Cat. No. M19

HNM 87.014
Small lobed bowl, Khorasan, 11th–12th CE
Copper alloy; hammered
Size (cm): h. 6.85; d. 13



Small bowl with lobed rim (10 lobes) and a flat, concave base.

The bowl is heavily corroded and the surface disintegrated into several layers at the rim.

No decoration visible. Possibly an inscription runs along the outer rim.

The bowl was excavated by the German Archaeological Mission to Herat in 2005 in Kohandez, Trench 2, see Franke 2015.

Cat. No. M20

HNM 03.12.86a
Large basin with ring handles Khorasan, 11th–12th CE
Copper alloy; cast
Size (cm): h. 16; d. 54.5



Large basin with slightly rounded base, conical wall, broad everted rim. On rim: four incised roundels.

Cat. No. M21

HNM 03.12.86b
Large basin with ring handles Khorasan, 11th–12th CE
Copper alloy; cast
Size (cm): h. 19.5; d. 60



Large basin on flat base with slightly curved wall, everted, broad rim. Two ring handles.

Cat. No. M22

HNM 03.12.86c
Large basin with ring handles Khorasan, 11th–12th CE
Copper alloy; cast
Size (cm): h. 23.5; d. 71



Large basin on flat base with slightly curved wall, everted, broad rim. Two ring handles.

Cat. No. M23

HNM 03.13.86a
Large basin with four ring handles Khorasan, 11th–12th CE
Copper alloy; cast; incised
Size (cm): h. 20; d. 83
Large basin with flat base, conical wall, broad horizontal rim. Rings of four ring handles missing. Incised decoration on rim. Two rectangular cartouches placed opposite each other, the larger cartouche (20 x 6.5 cm) probably carrying an inscription, the smaller cartouche (13 x 6.5 cm) showing wavy lines and circles. In the rectangular field: two medallions, rather crude incised vegetal motifs. On outer wall: zigzag lines in relief, extension not clear due to corrosion. On the bottom: one centrally placed six-leaved rosette framed by double line. Three further rosettes regularly placed around the rosette, four-leaved, framed by double-line.

Cat. No. M24

HNM 03.13.86b, see Fig. 14
Large basin, Khorasan, 11th–12th CE
Copper alloy; cast; incised
Size (cm): h. 19; d. 76.7
Large basin, flat base, conical wall, broad horizontal rim. Two ring handles, rings missing. Incised decoration on rim, eight cartouches with inscription alternating with eight roundels showing foliated spiral scroll with trefoil leaves. Inscriptions against background of foliated spiral scroll, Kufic (A), repeated in eight cartouches. Outside: two four-lobed rosettes in relief, framed by double lines; alternating with a kind of tree-of-life motif consisting of rows of diagonal lines next to a central vertical double stroke. On bottom: a small central roundel framed by three larger ones, in relief.
A: *bi'l-yumn wa'l-baraka wa'l [sic!]*

Cat. No. M25

HNM 03.13.86c, see Fig. 15
Large basin with ring handles Khorasan, 11th–12th CE
Copper alloy; cast; incised
Size (cm): h. 21.5; d. 78
Large basin with conical wall, flat base, broad, horizontal rim. Four ring handles. Incised decoration in two cartouches placed opposite each other on rim; inscription, Kufic (A); inscription in opposite field (B). Between inscription fields two rosettes. On outer wall: four roundels with four-lobed rosettes, framed by double lines. On bottom: three roundels with double framing line and two segments of a circle as field pattern.
A: *al-baraka wa [sic!] li-sāhibihi wa a [...]*
B: Illegible due to corrosion.

Cat. No. M26

HNM 01.25.86
Cauldron, Khorasan, 11th–12th CE
Copper alloy; cast; incised
Size (cm): h. 22; d. 27.5; d. (rim) 23



Cauldron with globular body resting on three conical legs; two horizontally placed handles; everted rim. Four groups of three or four incised strokes on rim. Marks of casting are clearly visible on two sides.

Cat. No. M27

HNM 03.07.86a, see Fig. 16
Cauldron, Khorasan, 11th–12th CE
Copper alloy; cast
Size (cm): h. 25.7; d. 32.5
Cauldron with globular body, rounded base, broad rim. Outside on upper wall: a frieze of arches on horizontal double line in relief. On rim: incised signature in a rather crude Kufic (A).
A: *'amal Abū Qāsim*



Cat. No. M23

Cat. No. M29

**Cat. No. M28**

HNM 03.07.86b, see Fig. 17
Three-legged cauldron with vertical handles
Khorasan, 11th–12th CE
Copper alloy; cast
Size (cm): h. 34.2; d. 35
Large cauldron on three conical legs. Globular body, rounded base, broad everted rim. Two horizontal handles attached to mid-body.
On outside upper wall: intersecting arches in relief.

Cat. No. M29

HNM 01.20.86
Cauldron, Khorasan, 11th–12th CE
Copper alloy; cast in two parts, welded
Size (cm): h. 21.7; d. (rim) 29.3
Cauldron with globular body and everted rim. Cast in three sections, no traces of feet. Relief decoration on shoulder: frieze of intersecting half-circles.

Cat. No. M30

HNM 03.11.86
Cauldron, Khorasan, 11th–12th CE
Copper alloy; cast
Size (cm): h. 36; d. 39



Cauldron with globular body on three conical feet. Broad, everted rim. Two vertical handles.

Cat. No. M31

HNM 03.10.86b, see Fig. 20
Cauldron with projecting flanges
Khorasan, 11th–12th CE
Copper alloy; cast
Size (cm): h. 19; d. 43
Hemispherical cauldron on three conical legs with everted rim; four projecting flanges, two of them with vertical handles. One flange with two ribs, probably serving as outlet.

On the ribbed flange: two roundels with foliated scroll, between the two ribs: rectangular field with foliated scroll. On opposite flange: inscription field (A)
A: *'amal al-Ḥusain b. al-Ḥasan al-ṣaffār*.
The object was stolen from the museum on September 25, 2008.

Cat. No. M32

HNM 03.10.86e, see Fig. 19
Cauldron with projecting flanges
Khorasan, 11th–12th CE.
Copper alloy; cast
Size (cm): h. 20; d. 45.5
Hemispherical cauldron on three conical legs; everted rim with projecting flanges. On two of them vertical handles; a third one with depressed channel serving as outlet.

Cat. No. M33

HNM 03.10.86a
Cauldron with projecting flanges
Khorasan, 11th–12th CE
Copper alloy; cast
Size (cm): h. 20; d. 48.7



Hemispherical cauldron on three conical feet. Everted rim with four projecting flanges. Two of them with vertical handles, one with two ribs, probably serving as outlet.
The object was stolen from the museum on September 25, 2008.

Cat. No. M34

HNM 03.10.86c



Cauldron with projecting flanges
Khorasan, 11th–12th CE
Copper alloy; cast
Size (cm): h. 21.5; d. 50.3

Hemispherical cauldron on three conical legs with everted rim and four projecting flanges. Two of them with vertical handles, one with two ribs, serving as outlet.

Cat. No. M35

HNM 03.10.86d
Cauldron with projecting flanges
Khorasan, 11th–12th CE
Copper alloy; cast
Size (cm): h. 15.3; d. 37



Hemispherical cauldron with three conical legs; everted rim; four projecting flanges, two of them with vertical handles, on a third one two ribs serving as outlet.

Cat. No. M36

HNM 03.07.86c
Basin, Iran, 11th–13th CE
Copper alloy; cast, hammered, turned
Size (cm): h. 29.5; d. 45



Large basin with globular body, rounded base and horizontal rim.

Cat. No. M37

HNM 01.11.86
Mortar, Khorasan, 12th–13th CE
Copper alloy; cast
Size (cm): h. 14.5; d. 21



Mortar with cylindrical body, broad flat rim at lower and upper edge. Two horizontal torus mouldings at mid-body; four ribs worked in relief, arranged crosswise on rim. Slightly rounded base.

Cat. No. M38

HNM 01.48.86
Mortar, Khorasan, 11th–12th CE
Copper alloy; cast
Size (cm): h. 7.2; d. 9.5



Small mortar with cylindrical body and everted rounded base, broad everted horizontal rim on upper and lower edge of body.

Cat. No. M39

HNM 01.15.86, see Fig. 21
Pierced openwork lampstand/incense burner
Khorasan, 10th–11th CE
Brass; cast; pierced openwork
Size (cm): h. 14.2; d. 20.5
Baluster-shaped vessel, bottom disc missing. Three horizontally arranged friezes (from bottom to top):
a. incised decoration imitating gadrooning
b. pierced openwork decoration of scrolls and five-petalled leaves, enclosed in seven roundels
c. inscription, Kufic (A), on the shoulder
A: *al-'izz wa'l-iqbāl wa'l-yumn wa'l-sa'āda wa'l-daula (?) wa'l-salāma li ṣāhibihi*
Old registry notice: „ ... *harāt* ... *'ahd ḥvārezmī-hā (?) ḡznavī*“.

Cat. No. M40

HNM 01.30.86a, see Fig. 22
Pierced openwork lampstand/incense burner
Khorasan, 10th–11th CE
Copper alloy; cast; pierced openwork
Size (cm): h. 15; d. 22.2; d. (rim) 12.7
Baluster-shaped vessel, bottom disc missing.
Three horizontally arranged friezes (from bottom to top):
a. incised decoration imitating gadrooning
b. pierced openwork decoration of scrolls with five-petalled leaves, enclosed in eight roundels
c. inscription, Kufic (A), on the shoulder
d. frieze of hollow circles
A: Illegible during inspection due to corrosion.

Cat. No. M41

HNM 01.30.86b, see Fig. 23
Pierced openwork lampstand/incense burner
Khorasan, 10th–11th CE
Copper alloy; cast; pierced openwork
Size (cm): h. 16.5; d. 23.3; d. (rim) 12
Baluster-shaped vessel; bottom missing.
Three horizontally arranged friezes (from bottom to top):
a. incised decoration imitating gadrooning, knotted band
b. pierced openwork, pairs of split-leaves arranged regularly
c. Kufic inscription (A) on shoulder
d. band of hollow circles
A: *al-baraka ... al-sa'āda al-salāma ... li šāhibihi*

Cat. No. M42

HNM 03.05.86a, see Fig. 25
Ewer, Khorasan, 9th–10th CE
Copper alloy; cast; engraved, silver inlay
Size (cm): h. 28; d. 14.3
Ewer on high, splayed foot, pear-shaped body, torus moulding, separating body and neck, concave neck; long horizontal spout, curved handle, polydrical thumbrest.

بكر بن عبد العزيز

Inscription under spout, Kufic (A), inlaid in silver.
A: *Bakr bin 'Abd al-'Azīz*

Cat. No. M43

HNM 87.003, see Fig. 24
Bottle, Khorasan, 10th–11th CE

Copper alloy; cast; engraved
Size (cm): h. 15.5; d. 7.7
Bottle on high, slightly conical foot, cylindrical body with slanting shoulder. Bipartite neck: lower half narrow, then bending outward, cylindrical mouth with seven globular knobs. On body: inscription cartouches (A) alternating with roundels. Engraved decoration on body and neck. Knotted rim around neck.
A: Illegible during inspection due to corrosion.

Cat. No. M44

HNM 03.05.86b, see Fig. 30
Ewer, Khorasan, 10th–11th CE
Copper alloy; cast
Size (cm): h. 20; d. 11
Ewer on high splayed foot; pear-shaped body; conical neck; bulbous head with long spout. Body, bottom, and neck cast separately. Incised roundel on body.

Cat. No. M45

HNM 03.05.86c, see Fig. 31
Ewer, Khorasan, 10th–11th CE
Copper alloy; cast
Size (cm): h. 22; d. 12.5
Ewer on high splayed foot, pear-shaped body, conical neck, bulbous head with long, horizontal spout. Lid preserved. Presumably two techniques combined: neck made separately, joints visible from within, cast; bottom and foot hammered from sheet metal?

Cat. No. M46

HNM 03.05.86d, see Fig. 27
Ewer, Khorasan, 10th–11th CE
Copper alloy; cast
Size (cm): h. 25; d. 11
Ewer on high, splayed foot, pear-shaped body, flat shoulder; conical neck; globular head; high, curved spout; curved handle with thumbrest. Handle probably not original.

Cat. No. M47

HNM 01.14.86, see Fig. 28
Fragmented ewer, Khorasan, 11th–13th CE
Copper alloy, brass; cast; incised
Size (cm): h. 11.5; d. (rim) 11; d. (base) 9
Fragmented body of ewer with globular body and everted base; bottom disc missing. Incised and inlaid decoration; roundels with copper inlay.

Cat. No. M48

HNM 01.23.86
Fragmented ewer, Khorasan, 11th–13th CE
Copper alloy, brass; cast; incised
Size (cm): h. 11.1; d. 10.8; d. (rim) 8.2



Fragment of ewer with globular body and everted base; bottom disc missing. Detailed description of decoration during inspection not possible due to corrosion.

Cat. No. M49

HNM 02.13.86, see Fig. 29
Ewer, Khorasan, 10th–11th CE
Copper alloy; cast; incised
Size (cm): h. 23.4; d. 12; d. (base) 10.3
Vessel on splayed foot, pear-shaped body, conical neck, globular upper part with flattened sides and outlet. Bottom disc made separately and fixed. Incised decoration (from bottom to top):
a. foot: series of vertical strokes
b. body: three roundels, filled with cross-shaped composition of split leaves and palmettes; right and left of central roundel vase-shaped element with five buds; slightly fluted neck; on both sides of globular headpiece: rosettes

Cat. No. M50

HNM 02.11.86i, see Fig. 26
Neck of ewer, Khorasan, 10th–11th CE
Copper alloy; cast; engraved, black substance
Size (cm): h. 18.5; d. (base) 7.5
Fragmented neck of ewer, tubular, with high rising spout; small rings fixed to the right and left of the spout. One of the rings is missing. Engraved decoration covering almost the entire surface, consisting of friezes framing vegetal scrolls; spandrels and medallions likewise showing vegetal motifs.

Cat. No. M51

HNM 03.01.86
Vase, Khorasan, 10th–11th CE
Copper alloy; cast
Size (cm): d. 13
Fragmented vase on conical foot, pear-shaped, polylobed (8) body; torus moulding separating body and mouth. Flaring mouth, lobed, eight-petalled rim. Vertically placed inscription on body (A); second inscription (B) probably added later, incised vertically.
A: *'aml al-Sijzī*
B: Illegible during inspection due to corrosion.

Cat. No. M52

HNM 02.11.86c
Fragmented support of vase
Khorasan, 11th–12th CE
Copper alloy; cast; pierced
Size (cm): h. 5; d. 18.7



Base fragment of vase. Eight-lobed base. Decoration: eight pierced roundels.

Cat. No. M53

HNM 02.18.86b
Base of vessel (?), Khorasan, 10th–11th CE



Copper alloy; cast; pierced
Size (cm): h. 5.5; d. 17.7
Base of vessel, everted rim, dome-shaped body. Traces of soldering, measuring c. 7 cm in diameter. Pierced openwork decoration around the body: foliated scrolls. Framed on the lower side by narrow frieze with strapwork.



Cat. No. M51

Cat. No. M54

