

The Unwound Yarn

Birth and Development of Textile Tools Between Levant and Egypt

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Catalogue

001 S. 07526/001

Spindle l. 16 cm, diam. 1 cm. **Spindle whorl** diam. 5.1 cm, th. 1.5 cm, hole 0.9 × 1 cm. W. 16 g.

Material wood; flax.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle, point broken. Top with a spiral groove. Linen threads (one s-plyed and one z-plyed) around the top, with a wooden peg to secure the knot. Cylindrical spindle whorl at the top of the shaft, surface with encrustation and white spots.

002 S. 07526/002

Spindle l. 19 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.3 cm, th. 1.5 cm, hole 0.9 cm. W. 19 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Wooden spindle, point broken. Top with a spiral groove. Cylindrical spindle whorl set on the middle of the shaft.

003 S. 07526/003

Spindle l. 24.9 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.1 cm, th. 0.9 cm, hole 0.9 cm. W. 15 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Wooden spindle broken at one end, the other tapered to a point. Cylindrical spindle whorl near the preserved point, coarse and irregular.

004 S. 07526/004

Spindle l. 32.4 cm, diam. 0.9 cm. **Spindle whorl** diam. 4.9 cm, th. 1.5 cm, diam. hole 0.8, inf. 0.9. W. 21 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Wooden spindle with almost entire length preserved, but both ends chipped. Cylindrical spindle whorl near one end.

005 S. 07526/005

Spindle l. 16.6 cm, diam. 1 cm. **Spindle whorl** diam. 5.3 cm, th. 1.6 cm, diam. hole 1 cm. W. 22 g. **Material** wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Wooden spindle broken at the bottom, while the other one has a groove. Cylindrical spindle whorl near the top of the shaft, well-shaped, with traces of encrustation. Spindle and spindle whorl have burnt marks.

006 S. 07526/006

Spindle l. 10.8 cm, diam. 0.9 cm. **Spindle whorl** diam. 4.5 cm, th. 1.3 cm, diam. hole 0.9 cm. W. 10 g.

Notes to the Catalogue

1. Spindle diameter is measured at the place of maximum preserved diameter.
2. Weight of a spindle signifies the weight of the spindle with the spindle whorl (if preserved), as it is not possible to remove spindle whorls from spindle shafts.
3. Hole of spindle whorls: the first number is the measurement of the hole at its top outer surface, the second number is its measurement at the bottom outer surface.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Wooden spindle broken at the bottom, while the other one has a groove. Cylindrical spindle whorl, well-shaped, near the top of the shaft. On the lower surface, there are some black lines, probably painted.

007 S. 07526/007

Spindle l. 21 cm, diam. 0.8 cm. **Spindle whorl** diam. 5.8 cm, th. 1.2 cm, hole 0.8×0.9 cm. W. 15 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Wooden spindle broken at the top, while the other end has a tapered point. Cylindrical spindle whorl, near the bottom end. Well-preserved and clean, longitudinal cut of a quite large log/branch.

008 S. 07526/008

Spindle l. 22 cm, diam. 0.9 cm. **Spindle whorl** diam. 4.5 cm, th. 1.3 cm, hole 0.9×0.8 cm. W. 13 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Wooden spindle broken at the top, while the other end has a tapered point. Cylindrical spindle whorl, near the bottom end. Both shaft and whorl have traces of encrustation.

009 S. 07526/009

Spindle l. 16.3 cm, diam. 1 cm. **Spindle whorl** diam. 5.7 cm, th. 1.2 cm, diam. hole 1×0.9 cm. W. 15 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Wooden spindle broken at the top, while the other end has a tapered point. Cylindrical spindle whorl, attached near the bottom end. Shaft with traces of encrustation, whorl with yellowish spots on the side. Whorl is made from quite a large log/branch. Very clear wood vases on its surface.

010 S. 07526/010

Spindle l. 11 cm, diam. 0.9 cm. **Spindle whorl** diam. 4.8 cm, th. 1.6 cm, hole 0.9 cm. W. 13 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at one end, while the other end has a large rounded point. There are no traces of the groove to fasten the thread. Cylindrical spindle whorl very encrusted on the entire surface and placed near the preserved end.

011 S. 07526/011

Spindle l. 14 cm, diam. 0.8 cm. **Spindle whorl** diam. 4.9 cm, th. 1 cm, hole 0.7×0.8 cm. W. 12 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle, broken at both ends, but at the top there are traces of the groove to fasten the thread. Cylindrical spindle whorl at the top of the shaft; upper surface encrusted, lower surface with a slight coating of foreign material.

012 S. 07526/012

Spindle l. 10.9 cm, diam. 0.9 cm. **Spindle whorl** diam. 4.9 cm, th. 1.6 cm, hole 0.9 cm. W. 10 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Wooden spindle, broken at both ends. Cylindrical spindle whorl at one end of the shaft. Spindle and spindle whorl poorly preserved, probably due to insect damage.

013 S. 07526/013

Spindle l. 10.2 cm, diam. 0.9 cm. **Spindle whorl** diam. 5 cm, th. 1.9 cm, hole 0.9×0.8 cm. W. 15 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Wooden spindle broken at the top (?) while the other end tapers to a well-shaped point. Cylindrical spindle whorl near the preserved point. Spindle and spindle whorl slightly encrusted.

014 S. 07526/014

Spindle l. 9.8 cm, diam. 0.8 cm. **Spindle whorl** diam. 4.8 cm, th. 1.8 cm, hole 0.8 cm. W. 20 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle, broken at the bottom. Flat top is well-preserved, with a deep groove for fastening the thread. Cylindrical spindle whorl near the top of the shaft, encrusted on the upper surface.

015 S. 07526/015

Spindle l. 14.7 cm, diam. 1.1 cm. **Spindle whorl** diam. 5 cm, th. 2.1 cm, hole 1.1 cm. W. 20 g.

Material wood, vegetal fibres.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle, broken at the bottom. Top with a groove to fasten the thread but which is covered by a thick layer of encrustation; encrusted material covers also remains of fibres that are slightly visible. Cylindrical spindle whorl placed near the top of the shaft, very encrusted and with white spots.

016 S. 07526/016

Spindle l. 11 cm, diam. 1.1 cm. **Spindle whorl** diam. 5.3 cm, th. 1.6 cm, hole 1.1 cm. W. 20 g.

Material wood, vegetal fibres.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom. Top with a break along the groove used to fasten the thread, but a thick layer of encrustation covers it; it also covers remains of fibres, slightly visible.

Cylindrical spindle whorl near the top of the shaft, encrusted on its upper surface.

017 S. 07526/017

Spindle l. 10.7 cm, diam. 0.8 cm. **Spindle whorl** diam. 4.1 cm, th. 1.3 cm, hole 0.8 cm. W. 10 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at both ends. Cylindrical spindle whorl placed near one of the broken ends, heavily encrusted on the upper surface. Small and well-shaped.

018 S. 07526/018

Spindle l. 13.8 cm, diam. 1 cm. **Spindle whorl** diam. 4.8 cm, th. 1.7 cm, hole 0.9 × 1 cm. W. 18 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom. Top with groove covered by a thick layer of encrustation, where there are impressions of fibres. Cylindrical spindle whorl, encrusted on the upper surface.

019 S. 07526/019

Spindle l. 10.6 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.5 cm, th. 1.3 cm, hole 0.8 cm × 0.9 cm. W. 18 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at both ends. Cylindrical spindle whorl near one of the broken ends, slightly encrusted on both surfaces.

020 S. 07526/20

Spindle l. 18 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.6 cm, th. 1.6 cm, hole 0.9 cm. W. 21 g.

Material wood, vegetal fibres.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom. Cylindrical spindle whorl placed near the top of the shaft, with a thick layer of encrustation on the upper surface. Lower surface clear with marks from manufacture. Inside the hole, there are visible traces of vegetal fibres, which appear on all sides of the hole.

021 S. 07526/021

Spindle l. 16.4 cm, diam. 1 cm. **Spindle whorl** diam. 5.5 cm, th. 1 cm, hole 1 cm. W. 16 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at both ends. Cylindrical spindle whorl, very thin and well-shaped, placed at the top of the shaft.

022 S. 07526/022**Spindle** l. 14.5 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.1 cm, th. 1.5 cm, hole 0.9 cm. W. 19 g.**Material** wood, vegetal fibres.**Chronology** New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom. Top with a groove highly encrusted and with traces of fibres. Cylindrical spindle whorl at the top of the shaft, well-shaped and with a thick layer of encrustation. There are traces of pink paint (?).

023 S. 07526/023**Spindle** l. 27.4 cm, diam. 1.3 cm. **Spindle whorl** diam. 5 cm, th. 1.2 cm, hole 1 × 1.1 cm. W. 23 g.**Material** wood.**Chronology** New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at one end, while the other end, only partially preserved, is thick and rounded. Cylindrical spindle whorl placed near the middle of the shaft with a thin layer of patina. On the shaft, under the spindle whorl, there is an incised mark.

024 S. 07526/025**Spindle** l. 14.8 cm, diam. 1 cm. **Spindle whorl** diam. 5.3 cm, th. 1.5 cm, hole 1. W. 22 g.**Material** wood.**Chronology** New Kingdom. **Origin** Deir el-Medina.

Wooden spindle, broken at both ends. Cylindrical spindle whorl covered with a thin layer of patina on both sides.

025 S. 07526/026**Spindle** l. 12.5 cm, diam. 1 cm. **Spindle whorl** diam. 5.4 cm, th. 1.6 cm, hole 1 cm. W. 18 g.**Material** wood, vegetal fibres.**Chronology** New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, while the other end is flat with a groove to fasten the thread. Near the groove, the shaft is heavily encrusted. Cylindrical spindle whorl near the top of the shaft, with a thick layer of encrustation on the upper surface and on the side.

026 S. 07526/027**Spindle** l. 20.3 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.5 cm, th. 1.5 cm, hole 0.9 cm. W. 19 g.**Material** wood.**Chronology** New Kingdom. **Origin** Deir el-Medina.

Wooden spindle almost complete, part of the shaft is missing, but the entire length is preserved. Flat top with a long spiral groove. The shaft is encrusted and has a thread stuck in the hole of the spindle whorl. The thread is made of linen, is plied and has an s-twist. On the shaft, there are traces of burning. Cylindrical spindle whorl, well-shaped, near the top of the spindle.

027 S. 07526/028**Spindle** l. 7.6 cm, diam. 0.9 cm. **Spindle whorl** diam. 4.4 cm, th. 1.1 cm, hole 0.9 cm. W. 8.8 g.**Material** wood.**Chronology** New Kingdom. **Origin** Deir el-Medina.

Wooden spindle missing the lower end, while the top is rounded and has a spiral groove. Cylindrical spindle whorl, very worn, placed near the top of the shaft. Both shaft and spindle whorl bear traces of encrustation.

028 S. 07526/029**Spindle** l. 7.7 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.1 cm, th. 1.2 cm, hole 0.8 cm. W. 10.5 g.**Material** wood.**Chronology** New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at both ends. Cylindrical spindle whorl, which should have been near the top of the shaft. Both shaft and spindle whorl have traces of encrustation.

029 S. 07526/030**Spindle** l. 7.7 cm, diam. 1.1 cm. **Spindle whorl** diam. 5.2 cm, th. 1.6 cm, hole 1.1 × 1 cm. W. 16 g.**Material** wood.**Chronology** New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at both ends. Cylindrical spindle whorl with a surface covered by a thick

layer of a white encrustation, while the other surface is clean.

030 S. 07526/031

Spindle l. 5.1 cm, diam. 0.9 cm. **Spindle whorl** diam. 5 cm, th. 0.8 cm, hole 0.9 cm. W. 16 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the end of the shaft, while the top is flat and presents a cylindrical groove. Shaft is broken immediately under the spindle whorl; on the side of the whorl there are two incisions. Furthermore, the spindle whorl has two cracks across it, one of which is very deep and almost arrives at its hole.

031 S. 07526/032

Spindle l. 6.4 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.8 cm, th. 0.9 cm, hole 0.9 cm. W. 16 g.

Material wood, vegetal fibres.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, while top is flat and has a groove. Under the spindle whorl, around the shaft, part of a linen yarn is still preserved: it is s-plyed; its single twist is not visible. Beside the yarn, there are also non-spun fibres. A cylindrical spindle whorl sits near the top of the shaft; it has a break across it and traces of yellow paint (?) on its upper surface.

032 S. 07526/033

Spindle l. 14.6 cm, diam. 0.7 cm. **Spindle whorl** diam. 4.5 cm, th. 1.5 cm, hole 0.7 cm. W. 13 g.

Material wood; vegetable fibres.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, top rounded with a groove to fasten the thread. On the upper part of the shaft there is a thread that holds a wooden peg; yarn is plied with a z-twist, direction of single twist is not visible. Cylindrical spindle whorl placed near the top of the shaft, with a whitish layer of encrustation on the upper surface, while the lower surface is clean. It is secured to the spindle by fibres and/or wooden fragments visible inside the hole.

033 S. 07526/034

Spindle l. 17.4 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.3 cm, th. 1.4 cm, hole 0.9 cm. W. 18 g.

Material wood; vegetable fibres.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with rounded top and groove to fasten the thread. Near the top, under the spindle whorl, there is a single s-plyed, thread; single twist not visible. A cylindrical spindle whorl is placed near the top of the shaft, with a thick layer of encrustation on its upper surface, while the lower surface is clean with an incised mark.

034 S. 07526/035

Spindle l. 15 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.2 cm, th. 1.1 cm, hole 0.9 cm. W. 15 g.

Material wood; vegetable fibres.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom. Top was likely broken in ancient times, as a thread is fastened to the break; this thread holds a wooden peg and is s-plyed, single twist not visible. The yarn is quite encrusted and partly stuck in the hole of the spindle whorl. Cylindrical spindle whorl placed near the top of the shaft, with a thick layer of encrustation on the upper surface, while lower surface and side show a thin layer of patina. From the lower side of the hole emerges a yarn.

035 S. 07526/036

Spindle l. 13.3 cm, diam. 0.9 cm. **Spindle whorl** diam. 4.4 cm, th. 1.7 cm, hole. 0.8 × 0.9 cm. W. 15 g.

Material wood; vegetable fibres.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with flat top and an incised groove. Cylindrical spindle whorl near the top of the shaft, small and thick, with a lateral break, and a very worn surface.

036 S. 07526/037

Spindle l. 12.9 cm, diam. 1 cm. **Spindle whorl** diam. 4.8 cm, th. 1.4 cm, hole. 0.9 × 1 cm. W. 15 g.

Material wood; vegetable fibres.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with a flat top and an incised groove. Cylindrical spindle whorl placed near the top of the shaft, with upper surface covered by a thick coat of encrustation.

037 S. 07526/038

Spindle l. 14.4 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.1 cm, th. 1.8 cm, hole 0.9 cm. W. 16 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with a flat top and a groove to fasten the thread. Shaft grows thicker towards the break. Cylindrical spindle whorl placed near the top of the shaft, with the upper surface covered by a thick layer of encrustation with whitish efflorescence.

038 S. 07526/039

Spindle l. 15.7 cm, diam. 0.9 cm. **Spindle whorl** diam. 4.8 cm, th. 1.3 cm, hole 0.9 cm. W. 16 g.

Material wood; vegetable fibres.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with a flat top and an incised groove. On the shaft, under the spindle whorl, there are traces of unspun fibres, which make two complete rotations, but there is no twist seen in them. Cylindrical spindle whorl placed near the top of the shaft, with the upper surface highly encrusted. Deep break on the side.

039 S. 07526/040

Spindle l. 11.7 cm, diam. 0.8 cm. **Spindle whorl** diam. 5.5 cm, th. 1.8 cm, hole 0.8 cm. W. 14 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with rounded top and incised groove. Cylindrical spindle whorl near the top of the shaft, not encrusted.

040 S. 07526/041

Spindle l. 10 cm, diam. 0.8 cm. **Spindle whorl** diam. 4.9 cm, th. 1.2 cm, hole 0.8 cm. W. 12 g.

Material wood; vegetable fibres.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with a flat top and an incised groove. On the shaft a mark is incised. A cylindrical spindle whorl is set near the top of the shaft; encrusted on the upper surface.

041 S. 07526/042

Spindle l. 9.7 cm, diam. 0.9 cm. **Spindle whorl** diam. 4.8 cm, th. 1.4 cm, hole 0.9 cm. W. 13 g.

Material wood; vegetable fibres.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at both ends with fibre traces on the shaft. Cylindrical spindle whorl near the top (?) of the shaft, with one surface covered by a thick layer of encrustation.

042 S. 07526/043

Spindle l. 9.4 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.3 cm, th. 1.8 cm, hole 0.8 × 0.9 cm. W. 18 g.

Material wood; vegetable fibres.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at both ends. Cylindrical spindle whorl, with one surface covered by a thick layer of encrustation.

043 S. 07526/044

Spindle l. 8.9 cm, diam. 0.7 cm. **Spindle whorl** diam. 5.2 cm, th. 1.6 cm, hole 0.7 cm. W. 16 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at both ends. Cylindrical spindle whorl attached, with one surface covered by a thick layer of whitish encrustation.

044 S. 07526/045

Spindle l. 15.4 cm, diam. 1.2 cm. **Spindle whorl** diam. 5.2 cm, th. 1.4 cm, hole 1.2 cm. W. 16 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with flat top and an incised groove. Cylindrical spindle whorl near the top of the shaft covered by a thin patina.

045 S. 07526/046

Spindle l. 19 cm, diam. 1 cm. **Spindle whorl** diam. 5.4 cm, th. 1.6 cm, hole 0.9 × 1 cm. W. 17 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, while top is broken along the groove used to fasten the thread. Cylindrical spindle whorl near the top of the shaft, with a large hole on the side, probably produced by insects.

046 S. 07526/047

Spindle l. 21.4 cm, diam. 1 cm. **Spindle whorl** diam. 5.1 cm, th. 1.1 cm, hole 1 cm. W. 14 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle almost complete, point missing, while top is broken along the groove to fasten the thread. A cylindrical spindle whorl is placed near the top of the shaft, with clean surfaces and four radial incisions on its lower side.

047 S. 07526/048

Spindle l. 21.7 cm. **Spindle whorl** diam. 5.5 cm, th. 1.4 cm, hole 0.9 × 1 cm. W. 14 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with rounded top and a groove to fasten the yarn. Cylindrical spindle whorl on the top of the shaft; on the lower surface there is a mark.

048 S. 07526/049

Spindle l. 5.4 cm, diam. 1 cm. **Spindle whorl** diam. 5.3 cm, th. 1.8 cm, hole 1 cm. W. 17 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at both ends. Cylindrical spindle whorl highly worn but clear of encrustation. On one side there are traces of a pinkish paint.

049 S. 07526/050

Spindle l. 5.7 cm, diam. 0.8 cm. **Spindle whorl** diam. 4.5 cm, th. 2.1 cm, hole 0.8 cm. W. 14.4 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken immediately under the spindle whorl, flat top preserved with an incised groove to fasten the thread. Cylindrical spindle whorl placed near the top of the shaft, quite thick and with a thin layer of patina on the lower surface.

050 S. 07526/051

Spindle l. 11.1 cm, diam. 1.2 cm. **Spindle whorl** diam. 6.1 cm, th. 1.5 cm, hole 1.1 cm. W. 17.5 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with flat top and incised groove. Cylindrical spindle whorl placed near the top, covered by a thin layer of patina.

051 S. 07526/052

Spindle l. 11 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.1 cm, th. 1.6 cm, hole 0.9 cm. W. 15 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with flat top and incised groove. Cylindrical spindle whorl placed near the top, covered by a thin layer of patina. Small wedges of wood in the hole that fastens the spindle whorl.

052 S. 07526/053

Spindle l. 7.6 cm, diam. 0.7 cm. **Spindle whorl** diam. 4.8 cm, th. 1.9 cm, hole 0.7 cm. W. 12 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at both ends. Cylindrical spindle whorl, quite thick and clean. Wood slightly warped.

053 S. 07526/054

Spindle l. 8.9 cm, diam. 0.8 cm. **Spindle whorl** diam. 5.5cm, th. 1.5 cm, hole 0.8 cm. W. 12.8 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle whorl broken at the bottom, with rounded but chipped top and an incised groove to fasten the threads. Cylindrical spindle whorl placed near the top of the shaft, quite encrusted and with a mark incised on the lower surface.

054 S. 07526/055

Spindle l. 18 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.2 cm, th. 1.5 cm, hole 0.9 cm. W. 21 g.

Wooden spindle broken at both ends, but most of its shaft is preserved. At the top, there are still traces of the groove to fasten the fibres. Cylindrical spindle whorl placed near the top of shaft, quite encrusted on its whole surface.

055 S. 07526/056

Spindle l. 11 cm, diam. 0.8 cm. **Spindle whorl** diam. 5 cm, th. 1.5 cm, hole 0.8 cm. W. 14 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at one end, while the other ends with a sharp point. Spindle whorl is placed near the break and has two short incised lines on one surface.

056 S. 07526/057

Spindle l. 19.1 cm, diam. 0.8 cm. **Spindle whorl** diam. 4.4 cm, th. 1.3 cm, hole 0.8 cm. W. 22 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at both ends, the upper one along the groove to fasten the thread. Cylindri-

cal spindle whorl placed near the top of the shaft, slightly encrusted and with a lateral break.

057 S. 07526/058

Spindle l. 10.9 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.8 cm, th. 1.1 cm, hole 0.9 cm. W. 13 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with rounded top and an incised spiral groove to fasten the fibres. Cylindrical spindle whorl placed near the top of the shaft, covered by a very thin patina. On the lower surface some marks (?) are incised.

058 S. 07526/059

Spindle l. 11.4 cm. **Spindle whorl** diam. 4.2 cm, th. 1.2 cm, hole 0.6 cm. W. 11 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with rounded top and a spiral groove to fasten the thread. Cylindrical spindle whorl placed near the top of the shaft, covered by a thin layer of patina. On the lower surface there are traces of the manufacturing process.

059 S. 07526/060

Spindle l. 16.9 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.7 cm, th. 1.3 cm, hole 0.9 cm. W. 16 g.

Material wood, vegetable fibres.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at both ends, but most of the shaft probably preserved. Cylindrical spindle whorl placed near one end of the shaft, covered by a thin layer of patina and with a lateral break. Hole warped on its edges. Flax fibres are visible in the lower part of the hole.

060 S. 07526/061

Spindle l. 21.7 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.2 cm, th. 1.3 cm, hole 0.9 cm. W. 13 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with rounded top and a very well-preserved spiral groove. Shaft almost complete. Cylindrical spindle whorl placed near the top of the shaft, covered by a thin layer of patina on the upper surface and with a lateral break.

061 S. 07526/062

Spindle l. 15.4 cm, diam. 0.8 cm. **Spindle whorl** diam. 4.8 cm, th. 1.5 cm, hole 0.8 cm. W. 15 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at one end, the other seems to finish with a sharp point. Cylindrical spindle whorl placed near sharp tip and covered by a thin layer of patina. On this side there is an incised mark.

062 S. 07526/063

Spindle l. 11.7 cm, diam. 1 cm. **Spindle whorl** diam. 4.6 cm, th. 1.6 cm, hole 0.9 cm. W. 16 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Wooden spindle broken at the bottom, while top is flat with an incised groove on it. Cylindrical spindle whorl placed near the top of the shaft; on the lower surface, there is an incised mark.

063 S. 07526/064

Spindle l. 6.8 cm, diam. 0.8 cm. **Spindle whorl** diam. 4.9 cm, th. 1.4 cm, hole 0.8 cm. W. 12 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Wooden spindle broken at the bottom, with rounded top and spiral groove. Cylindrical spindle whorl placed near the top of the shaft covered by a thin layer of patina.

064 S. 07526/065

Spindle l. 9.2 cm, diam. 1 cm. **Spindle whorl** diam. 5.5 cm, th. 1.4 cm, hole 1 cm. W. 15 g.

Material wood; vegetable fibres.

Chronology New Kingdom. **Origin** Deir el-Medina

Wooden spindle broken at both ends. Near one of the break there is an incised mark. Cylindrical spindle whorl placed near the top of the shaft encrusted on the upper surface with whitish material. Between shaft and spindle whorl there are traces of vegetable fibres.

065 S. 07526/066

Spindle l. 11.4 cm, diam. 0.8 cm. **Spindle whorl** diam. 5.2 cm, th. 1.8 cm, hole 0.8 cm. W. 17 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, while the other end is rounded, with a spiral groove, but highly encrusted. Cylindrical spindle whorl placed near the top of the shaft with a thick layer of encrustation on the upper surface. Some incisions (wear marks?) on the lower surface.

066 S. 07526/067

Spindle l. 10 cm, diam. 1 cm. **Spindle whorl** diam. 5.1 cm, th. 1.9 cm, hole 0.8 cm. W. 18 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Wooden spindle broken at the bottom with a rounded end with an incised spiral groove. Cylindrical spindle whorl placed near the top of the shaft, slightly encrusted and cracked.

067 S. 07526/068

Spindle l. 6.6 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.1 cm, th. 1.1 cm, hole 0.9 cm. W. 10.5 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at both ends. Cylindrical spindle whorl, large and flat, with some marks on one surface, some of them covered by a whitish substance.

068 S. 07526/069

Spindle l. 9.9 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.4 cm, th. 1.2 cm, hole 0.7 cm. W. 14 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with flat top and an incised spiral groove. Wood perfectly preserved. Cylindrical spindle whorl placed near the top of the shaft covered by a thin patina and some traces of a pinkish paint.

069 S. 07526/070

Spindle l. 15.6 cm, diam. 1 cm. **Spindle whorl** diam. 4.8 cm, th. 1.5 cm, hole 1 cm. W. 15 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at both ends, with rounded top and spiral groove. Thick traces of encrustation on the top. Cylindrical spindle whorl placed near the top of the shaft, encrusted on the upper surface.

070 S. 07526/071

Spindle l. 8.6 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.6 cm, th. 1.5 cm, hole 0.7 cm. W. 14 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Wooden spindle broken at both ends. Cylindrical spindle whorl placed near the top of the shaft with encrustation on the upper surface.

071 S. 07526/072

Spindle l. 8.8 cm, diam. 0.8 cm. **Spindle whorl** diam. 4 cm, th. 1.8 cm, hole 0.8 cm. W. 12 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Wooden spindle broken at the bottom, while the other end is slightly pointed and has a small groove to fasten the thread. Cylindrical spindle whorl placed near the top of the shaft with lateral breaks. Encrusted on the upper surface.

072 S. 07526/073

Spindle l. 3.9 cm, diam. 0.8 cm. **Spindle whorl** diam. 5.3 cm, th. 1.1 cm, hole 0.8 cm. W. 8.5 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Wooden spindle broken at the bottom immediately under the spindle whorl, with a flat top and a groove to fasten the thread. Cylindrical spindle whorl, large and flat, encrusted on the upper surface. On the lower surface are traces of painted radial lines.

073 S. 07526/074

Spindle l. 22 cm, diam. 1 cm. **Spindle whorl** diam. 5 cm, th. 2.1 cm, hole 1 cm. W. 18 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Complete wooden spindle, pointed bottom and rounded top. On the top, there is a long spiral groove. Cylindrical spindle whorl placed near the top of the shaft.

074 S. 07526/075

Spindle l. 12.7 cm, diam. 1 cm. **Spindle whorl** diam. 5.5 cm, th. 1.4 cm, hole 1 cm. W. 17 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Wooden spindle broken at the bottom, while top is rounded with a spiral groove. Cylindrical spindle whorl placed near the top of the shaft. Cylindrical spindle whorl, not very well shaped, is completely clean and with a mark incised on the lower surface.

075 S. 07526/076

Spindle l. 18.8 cm, diam. 0.8 cm. **Spindle whorl** diam. 4.6 cm, th. 1.1 cm, hole 0.8 cm. W. 14 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Wooden spindle broken at the top (probably), while the other end tapered to a rounded point. Cylindrical spindle whorl placed almost at the

middle of the surviving length of the shaft, quite near to the point. Small hole on one surface.

076 S. 07526/077

Spindle l. 14.6 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.2 cm, th. 1.2 cm, hole 0.9 cm. W. 16 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at both ends. Cylindrical spindle whorl placed near the top of the shaft (only partly preserved) with encrustation on the upper surface.

077 S. 07526/078

Spindle l. 14.2 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.1 cm, th. 1.2 cm, hole 0.9 cm. W. 18 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with rounded top and an incised spiral groove. Cylindrical spindle whorl placed near the top of the shaft, with a very thick layer of encrustation, which partly covers the upper part of the shaft too.

078 S. 07526/079

Spindle l. 7.8 cm, diam. 0.7 cm. **Spindle whorl** diam. 5.3 cm, th. 1.4 cm, hole 0.7 cm. W. 15 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with a very well-preserved flat top and a spiral groove. Cylindrical spindle whorl, not perfectly rounded, placed near the top of the shaft and slightly encrusted on the upper surface.

079 S. 07526/080

Spindle l. 10.3 cm, diam. 0.8 cm. **Spindle whorl** diam. 4.9 cm, th. 1.3 cm, hole 0.8 cm. W. 13 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with top that still preserves the groove to fasten the thread.

Wood very worn. Cylindrical spindle whorl placed near the top of the shaft, chipped laterally.

080 S. 07526/081

Spindle l. 8.5 cm, diam. 0.7 cm. **Spindle whorl** diam. 4.6 cm, th. 1.3 cm, hole 0.7 cm. W. 9 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Wooden spindle broken at both ends. Well-shaped cylindrical spindle whorl.

081 S. 07526/082

Spindle l. 11.1 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.4 cm, th. 1.4 cm, hole 0.9 cm. W. 8 g.

Material wood, vegetable fibres.

Chronology New Kingdom. **Origin** Deir el-Medina

Wooden spindle broken at the bottom, while top is partially broken along the spiral groove. This groove still preserves some vegetable fibres and threads under a layer of encrustation. Cylindrical spindle whorl placed near the top of the shaft, upper surface encrusted, lower surface clean with traces of manufacture and three small holes (probably caused by insects).

082 S. 07526/083

Spindle l. 8.6 cm, diam. 0.8 cm. **Spindle whorl** diam. 5.3 cm, th. 1.4 cm, hole 0.8 cm. W. 13

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Wooden spindle broken at the bottom, with rounded top and large, spiral groove to fasten the thread. Cylindrical spindle whorl placed near the top of the shaft with a thin patina on its surface.

083 S. 07526/084

Spindle l. 9 cm, diam. 0.7 cm. **Spindle whorl** diam. 4.4 cm, th. 1.4 cm, hole 0.7 cm. W. 9.8 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with a flat top and a groove. Cylindrical spindle whorl placed

near the top of the shaft, one face encrusted, the other covered by a thin patina.

084 S. 07526/085

Spindle l. 4.6 cm, diam. 0.8 cm. **Spindle whorl** diam. 5.2 cm, th. 1.4 cm, hole 0.8 cm. W. 15 g.

Material wood, vegetable fibres.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, immediately under the spindle whorl, rounded top with a groove. Cylindrical spindle whorl placed near the top of the shaft, with a very thick layer of encrustation, which covers its upper surface and part of the shaft. Traces of fibres under the encrustation and a small fragment of wood attached to it. Lower surface covered with just a thin patina.

085 S. 07526/086

Spindle l. 12.2 cm, diam. 0.7 cm. **Spindle whorl** diam. 4.6 cm, th. 1.5 cm, hole 0.7 cm. W. 11.7 g.

Material wood, vegetable fibres.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom and rounded top with spiral groove, which is much encrusted. Traces of vegetable fibres under the encrustation. Cylindrical spindle whorl placed near the top of the shaft, with a thick layer of encrustation on the upper surface, while a thin patina covers the lower surface.

086 S. 07526/087

Spindle l. 10.2 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.4 cm, th. 1.6 cm, hole 0.9 cm. W. 18.5 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with a flat top and a cylindrical groove. Cylindrical spindle whorl once placed at the top of the shaft (there is still an area of different colour on the wood), now near the break. Surfaces quite clean.

087 S. 07526/088

Spindle l. 13 cm, diam. 0.7 cm. **Spindle whorl** diam. 5.6 cm, th. 1.2 cm, hole 0.7 cm. W. 15 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at both ends. Cylindrical spindle whorl placed near one of the breaks in the shaft and slightly encrusted.

088 S. 07526/089

Spindle l. 10 cm, diam. 0.7 cm. **Spindle whorl** diam. 5.5 cm, th. 1.1 cm, hole 0.7 cm. W. 12 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at both ends. Cylindrical spindle whorl placed near one of the breaks in the shaft, clean but extremely worn. Incised mark on one surface.

089 S. 07526/090

Spindle l. 8.2 cm, diam. 0.8 cm. **Spindle whorl** diam. 5 cm, th. 1.4 cm, hole 0.8 cm. W. 11 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with rounded top and spiral groove to fasten the thread. The shaft's wood has been extracted from a large log, which is evident from the growth rings. Cylindrical spindle whorl placed near the top of the shaft, with clear surfaces.

090 S. 07526/091

Spindle l. 9.7 cm, diam. 0.8 cm. **Spindle whorl** diam. 5.3 cm, th. 1.4 cm, hole 0.8 cm. W. 16 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with flat top and a spiral groove. Wood and top well preserved. Cylindrical spindle whorl placed near the top of the shaft, with the upper surface quite worn.

091 S. 07526/092

Spindle l. 17.8 cm, diam. 1 cm. **Spindle whorl** diam. 5.1 cm, th. 1.6 cm, hole 0.8 cm. W. 21 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with a flat top, partially broken along the groove. Covered by a thick layer of encrustation. Cylindrical spindle whorl placed near the top of the shaft, very encrusted on the upper surface, less on the lower.

092 S. 07526/093

Spindle l. 21 cm, diam. max 1 cm. **Spindle whorl** diam. 5.7 cm, th. 1.7 cm, hole 0.9 × 1 cm. W. 20 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken and cracked at the bottom, with a flat top and a long, almost vertical, groove. Cylindrical spindle whorl placed near the top of the shaft, with a thick layer of encrustation.

093 S. 07526/094

Spindle l. 15 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.7 cm, th. 1.7 cm, hole 0.9 cm. W. 19 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with a flat top and a small groove. Cylindrical spindle whorl placed near the (probable) centre of the shaft, with a large lateral break. A thick layer of encrustation covers the upper surface while the lower surface is clean.

094 S. 07526/095

Spindle l. 18.4 cm, diam. 1.1 cm. **Spindle whorl** diam. 5.4 cm, th. 1.8 cm, hole 0.9 × 1 cm. W. 19 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken and cracked at the bottom, with a flat top and a spiral groove. The spindle has been extracted from a large log; there are 3-4 visible rings. Cylindrical spindle whorl placed

near top of the shaft, highly worn. Spindle and spindle whorl are made of different woods.

095 S. 07526/096

Spindle l. 11.3 cm, diam. 1.1 cm. **Spindle whorl** diam. 5.4 cm, th. 1.6 cm, hole 0.9 cm. W. 17 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with a rounded top and a spiral groove. Cylindrical spindle whorl placed near the top of the shaft. Mark on the upper surface.

096 S. 07526/097

Spindle l. 9.5 cm, diam. 1 cm. **Spindle whorl** diam. 5.5 cm, th. 1.2 cm, hole 0.9 cm. W. 15 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with a flat top and a spiral groove. Cylindrical spindle whorl placed near the top of the shaft, clean and with evident wood pores.

097 S. 07526/098

Spindle l. 8.1 cm, diam. 1.1 cm. **Spindle whorl** diam. 4.7 cm, th. 1.4 cm, hole 1 cm. W. 11 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at both ends. Cylindrical spindle whorl, quite irregular in shape with whitish encrustation on the surface.

098 S. 07526/099

Spindle l. 9.8 cm, diam. 1 cm. **Spindle whorl** diam. 4.9 cm, th. 1.7 cm, hole 0.9 cm. W. 15 g.

Material wood, vegetable fibres.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom end, with a rounded top and a spiral groove. Head covered by encrustation and whitish efflorescence. Cylindrical spindle whorl placed near the top of the shaft. On the upper part of the shaft there is a thread pre-

served for a few centimetres, which continues in the hole of the spindle whorl. Thread is s-plyed.

099 S. 07526/100

Spindle l. 8.9 cm, diam. 1 cm. **Spindle whorl** diam. 4.8 cm, th. 1.5 cm, hole 0.8 × 0.9 cm. W. 13 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with an incomplete top and a spiral groove. Cylindrical spindle whorl placed near the top of the shaft, quite clean and with visible wood pores.

100 S. 07526/101

Spindle l. 5.6 cm, diam. 1.1 cm. **Spindle whorl** diam. 5.4 cm, th. 1.5 cm, hole 0.9 × 1.1 cm. W. 16 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at both ends. Cylindrical spindle whorl, well-shaped, with one encrusted side and the other one clean.

101 S. 07526/102

Spindle l. 3.8 cm, diam. 0.8 cm. **Spindle whorl** diam. 5.1 cm, th. 1.1 cm, hole 0.8 cm. W. 13 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with a flat top and a spiral groove. Cylindrical spindle whorl placed near the top of the shaft, with the upper surface very encrusted. On the lower surface a mark is incised. Chipped on the side.

102 S. 07526/103

Spindle l. 4.2 cm, diam. 0.8 cm. **Spindle whorl** diam. 5 cm, th. 1.5 cm, diam. hole 0.8 cm. W. 12 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at both ends, but a spiral groove is preserved. Cylindrical spindle whorl placed near the top of the shaft, chipped on the

side. The upper surface is encrusted while the lower one is clean and wood pores are visible.

103 S. 07526/104

Spindle l. 5.8 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.7 cm, th. 1.2 cm, diam. hole 0.9 cm. W. 13 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at both ends. Cylindrical spindle whorl slightly encrusted on both sides.

104 S. 07526/105

Spindle l. 5.7 cm, diam. 0.85 cm. **Spindle whorl** diam. 4.8 cm, th. 2.1 cm, hole 0.9 cm. W. 12 g.

Material wood, vegetable fibres.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with a rounded top and a spiral groove. Domed spindle whorl, with large and thick engraving on the lower surface, along the external diameter. It is placed near the top of the shaft. Upper part of the spindle and spindle whorl show a thick layer of encrustation, from which traces of fibres appear. In the hole there are wedges to fasten the spindle whorl to the shaft.

105 S. 07526/107

Spindle l. 3.7 cm, diam. 0.6 cm. **Spindle whorl** diam. 5 cm, th. 1.6 cm, hole 0.6 cm. W. 14.5 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with a rounded top and a spiral groove. Cylindrical spindle whorl, roughly cut, placed near the top of the shaft. Encrusted on the upper surface, clean on the other side with evident traces of manufacture.

106 S. 07526/108

Spindle l. 21.1 cm, diam. 1.1 cm. **Spindle whorl** diam. 5.8 cm, th. 2.2 cm, hole 1.3 × 1.1 cm. W. 19 g.

Material wood, vegetable fibres.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle, complete. Flat top with a very long spiral groove to fasten fibres and a pointed end. Shaft shows several spots, probably due to mold. Cylindrical spindle whorl, remarkably worn, placed near top of the shaft, with encrustations on the upper surface and several holes probably caused by insects. Inside the hole, there are wedges and remains of threads. On the side of the spindle whorl a textile fragment is preserved, probably attached by encrustation. It measures 1.72×1.91 cm; it is a tabby weave with a count of 13×10 threads per cm^2 . Thread is s-twist.

107 S. 07526/109

Spindle l. 25.5 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.6 cm, th. 1.3 cm, hole 0.8×0.9 cm. W. 21 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with a flat top and a spiral groove. Shaft almost complete. Cylindrical spindle whorl placed near the top of the shaft, with both surfaces covered by a thin patina.

108 S. 07527/05

Spindle l. 7 cm, diam. 1.1 cm. **Spindle whorl** diam. 5.2 cm, th. 1.9 cm, diam. 1.1 cm. W. 19 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom near the spindle whorl, with a flat top and a spiral groove. Cylindrical spindle whorl placed near the top of the shaft, with encrusted upper surface and a mark incised on the lower surface.

109 S. 07527/08

Spindle diam. 0.8 cm. **Spindle whorl** diam. 5.4 cm, th. 1.2 cm, hole 0.8 cm. W. 15 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Small fragment of wooden spindle broken at both ends. Cylindrical spindle whorl with lateral crack filled by a little wooden peg. Other smaller cracks are also present. Mark incised on the lower surface.

110 S. 07527/12

Spindle l. 4.6 cm, diam. 0.8 cm. **Spindle whorl** diam. 5 cm, th. 1.7 cm, hole 0.8 cm. W. 10.7 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, immediately under the spindle whorl, with a rounded top and a spiral groove. Cylindrical spindle whorl placed near the top of the shaft, with encrusted upper surface and several marks incised on the lower surface.

111 S. 07527/15

Spindle l. 5.1, diam. 1 cm. **Spindle whorl** diam. 4.9 cm, th. 1.7 cm, hole 1 cm. W. 15 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, immediately under the spindle whorl, with cracked top and a spiral groove. Cylindrical spindle whorl placed near the top of the shaft, with worn upper surface and a lotus flower incised on the lower surface.

112 S. 07528/049

Spindle l. 3.2 cm, diam. 0.7 cm. **Spindle whorl** diam. 5 cm, th. 1.3 cm, hole 0.7 cm. W. 11 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Small fragment of wooden spindle broken at both ends. Cylindrical spindle whorl, well-shaped, with one surface more encrusted than the other one.

113 S. 07528/052

Spindle whorl diam. 5.1 cm, th. 1.4 cm, hole 0.7 cm. W. 11 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Small fragment of wooden spindle broken at both ends preserved inside the hole. Cylindrical spindle whorl, well-shaped, with one surface encrusted.

114 S. 07528/054

Spindle l. 1.8 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.3 cm, th. 1.8 cm, hole 0.9 cm. W. 13 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Small fragment of wooden spindle broken at both ends. Cylindrical spindle whorl, warped, with a long radial crack to the central hole. Covered by a thin patina.

115 S. 07528/065

Spindle l. 2.2 cm, diam. 0.9 cm. **Spindle whorl** diam. 5 cm, th. 1.6 cm, hole 0.9 cm. W. 11 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Small fragment of spindle broken at both ends. Cylindrical spindle whorl covered by encrustation.

116 S. 07528/067

Spindle whorl diam. 5.2 cm, th. 1.2 cm, hole 0.8 cm. W. 13 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl with a fragment of spindle preserved inside the hole. Encrusted surface with whitish efflorescences.

117 S. 07528/069

Spindle l. 2.3 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.3 cm, th. 1.3 cm, hole 0.9 cm. W. 14 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Small part of wooden spindle broken at both ends. Cylindrical spindle whorl covered on one surface by encrustation and whitish efflorescences.

118 S. 07528/071

Spindle diam. 0.9 cm. **Spindle whorl** diam. 5.4 cm, th. 1.1 cm, hole 0.9 cm. W. 8 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Small fragment of spindle broken at both ends. Cylindrical spindle whorl with long radial fracture, covered by a thin patina.

119 S. 07528/072

Spindle l. 3.4 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.5 cm, th. 1.1 cm, hole 0.9 cm. W. 11 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Small fragment of wooden spindle broken at both ends with traces of a spiral groove. Cylindrical spindle whorl, complete, covered by encrustation.

120 S. 07528/080

Spindle l. 1.3, diam. 0.9 cm. **Spindle whorl** diam. 5.1 cm, th. 1.5 cm, hole 0.9 × 0.7 cm. W. 13 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Small fragment of wooden spindle broken at both ends. Cylindrical spindle whorl covered by encrustation.

121 S. 07528/084

Spindle l. 1.4, diam. 0.9 cm. **Spindle whorl** diam. 4.9 cm, th. 1.4 cm, hole 0.9 cm. W. 12 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Small fragment of wooden spindle broken at both ends. Cylindrical spindle whorl encrusted on one side, covered by a thin patina and whitish efflorescence on the other. Incised mark.

122 S. 07528/085

Spindle l. 3.3 cm, diam. 0.7 cm. **Spindle whorl** diam. 4.5 cm, th. 2 cm, hole 0.7 cm. W. 14 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Small fragment of wooden spindle broken at both ends. Cylindrical spindle whorl, warped, with a radial crack to the hole.

123 S. 07528/086

Spindle l. 3.7 cm, diam. 1.1 cm. **Spindle whorl** diam. 5.8 cm, th. 1.7 cm, hole 1 × 1.1 cm. W. 16 g.

Material wood, vegetable fibres.

Chronology New Kingdom. **Origin** Deir el-Medina.

Small fragment of wooden spindle with a groove for fastening the fibres still preserved. Cylindrical spindle whorl encrusted on the surface, with traces of vegetable fibres inside the hole.

124 S. 07528/087

Spindle l. 2.4 cm, diam. 1 cm. **Spindle whorl** diam. 5.4 cm, th. 1 cm, hole 0.9 cm. W. 12 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Small fragment of wooden spindle broken at both ends. Cylindrical spindle whorl with traces of manufacture.

125 S. 07528/088

Spindle l. 2.8 cm, diam. 1 cm. **Spindle whorl** diam. 5.2 cm, th. 1 cm, hole 1.4 cm. W. 9 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Small fragment of wooden spindle broken at both ends. Cylindrical spindle with lateral crack and encrusted surface.

126 S. 07528/090

Spindle diam. 0.8 cm. **Spindle whorl** diam. 4.9 cm, th. 1.9 cm, hole 0.8 cm. W. 11.6 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Small fragment of wooden spindle broken at both ends. Cylindrical spindle whorl, warped, with traces of encrustation.

127 S. 07528/091

Spindle l. 5.2 cm, diam. 1.1 cm. **Spindle whorl** diam. 5.6 cm, th. 1.7 cm, hole 0.9 cm. W. 17 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Fragment of wooden spindle broken at both ends. Cylindrical spindle whorl, warped, with traces of encrustation.

128 S. 07528/094

Spindle l. 4 cm, diam. 0.7 cm. **Spindle whorl** diam. 4.7 cm, th. 1 cm, hole 0.7 cm. W. 5.7 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Small fragment of wooden spindle broken at both ends. Cylindrical spindle whorl, warped, with traces of encrustation. Five thin radial lines incised near the edge, perhaps a mark.

129 S. 07528/095

Spindle l. 3.5, diam. 0.9 cm. **Spindle whorl** diam. 5.2 cm, th. 1.8 cm, hole 0.9 cm. W. 21.8.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Small fragment of wooden spindle broken at both ends. Cylindrical spindle whorl slightly encrusted.

130 S. 07528/097

Spindle l. 3.1 cm, diam. 0.9 cm. **Spindle whorl** diam. 4.8 cm, th. 2 cm, hole 0.9 cm. W. 13 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Small fragment of wooden spindle broken at both ends. Cylindrical spindle whorl with a thin layer of encrustation.

131 S. 07528/098

Spindle l. 1 cm, diam. 0.6 cm. **Spindle whorl** diam. 4.9 cm, th. 1.9 cm, hole 0.6 cm. W. 11 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Small fragment of wooden spindle broken at both ends. Cylindrical spindle whorl with a radial crack.

132 S. 07528/100

Spindle l. 3.4 g, diam. 0.7 cm. **Spindle whorl** diam. 5.2 cm, th. 1.6 cm, hole 0.7 cm. W. 13.8 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Small fragment of wooden spindle broken at both ends. Cylindrical spindle whorl covered by a thick layer of encrustation on one side while the other is clean.

133 S. 07528/101

Spindle l. 2.5 diam. 0.9 cm. **Spindle whorl** diam. 5.5 cm, th. 1.3 cm, hole 0.9 cm. W. 14.8 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Small fragment of wooden spindle broken immediately under the spindle whorl. Top preserved with groove to fasten fibres. Cylindrical spindle whorl with encrustation and two radial cracks.

134 S. 07528/102

Spindle l. 3.8, diam. 0.7 cm. **Spindle whorl** diam. 5 cm, th. 1.5 cm, hole 0.7 cm. W. 14.6 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Small fragment of wooden spindle broken at both ends. Cylindrical spindle whorl with a thin layer of patina, made of different wood from that of the shaft.

135 S. 09978/1

Spindle l. 20.3 cm, diam 1 cm. **Spindle whorl** diam. 4.4 cm, th. 1.9 cm, hole 1 cm. W. 20 g.

Material wood, vegetable fibres.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle, well-preserved, with only the bottom missing. Flat top with a coarse groove with which to fasten fibres. Cylindrical spindle whorl, thicker than most others. It shows a crack on the side with a peg in it, probably an ancient restoration. Wooden wedges are quite visible, which fasten the whorl to the shaft. Under one wedge a thread is caught and is s-plyed.

136 S. 09978/2

Spindle l. 12.5, diam. 0.9 cm. **Spindle whorl** diam. 5.1 cm, th. 1.6 cm, hole 0.9 cm. W. 11 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at both ends. Cylindrical spindle whorl covered by a whitish substance on one surface and on the side.

137 S. 09978/4

Spindle l. 15.8 cm, diam. 0.8 cm. **Spindle whorl** diam. 4.9 cm, th. 2.1 cm, hole 0.8 cm. W. 14 g (only whorl 12 g.).

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle badly preserved. Tapering towards one end with no traces of the groove. Cylindrical spindle whorl with some cracks and holes. Surface covered by encrustation and a white-yellowish substance. On one side an incised mark is present. Whorl complete but not firmly fastened on the shaft.

138 S. 09978/5

Spindle l. 27 cm, diam. 1 cm. **Spindle whorl** diam. 5.4 cm, th. 1.4 cm, hole 1 cm. W. 24 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle well preserved. Flat top with a spiral groove to fasten the thread. It is covered by a thick layer of encrustation that leaves the groove clean. Cylindrical spindle whorl placed near top of the shaft and covered by a thick layer of encrustation and whitish efflorescence.

139 S. 09978/6

Spindle l. 17.4 cm, diam. 0.9 cm. **Spindle whorl** diam. 5.5 cm, th. 1.4 cm, hole 0.9 cm. W. 15 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with flat top and a spiral groove to fasten the thread. Cylindrical spindle whorl placed near the top of the shaft and deep lateral break. Upper surface encrusted, lower surface quite clean. Hole of the whorl irregular and it is fastened to the shaft with wooden wedges and vegetable fibres.

140 S. 09978/7

Spindle l. 35.8 cm, diam. 1.2 cm. **Spindle whorl** diam. 4.6 cm, th. 1.4 cm, hole 1.2 cm. W. 27 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle, complete and well-preserved. Flat top with a spiral groove to fasten the thread, while the other end tapers to a point. Traces of brown encrustation are preserved on the top, on the shaft and inside the groove. A cylindrical spindle whorl is placed near the top of the shaft, is chipped and with a lateral hole.

141 S. 09978/8

Spindle l. 23.8 cm, diam. 0.8 cm. **Spindle whorl** diam. 5.4 cm, th. 1.6 cm, hole 0.8 cm. W. 22 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom. Pointed top with a spiral groove to fasten the thread. Both spindle and spindle whorl are covered by a thick layer of encrustation. Cylindrical spindle whorl placed near the top of the shaft with a small hole on the lower surface.

142 S. 09978/9

Spindle l. 19.9 cm, diam. 1 cm. **Spindle whorl** diam. 5.4 cm, th. 1.3 cm, hole 1 cm. W. 16 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle, badly preserved and broken at the bottom. Flat top with a spiral groove to fasten the thread. Cylindrical spindle whorl placed near the top of the shaft, the whorl has a large lateral break and a hole.

143 S. 09978/1 (bis)

Spindle l. 30.5 cm, diam. max. 1.1 cm. **Spindle whorl 1** diam. 4.8 cm, th. 1.8 cm, hole 0.8 × 1 cm. **Spindle whorl 2** diam. 6 cm, th. 1.5 cm, hole 1.05 cm.

Total weight 34 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle, badly preserved and broken at the bottom. Flat top with a spiral groove to fasten the thread. Two spindle whorls are attached to the shaft, but it is not possible to determine if one was added at a later time, but it is highly probable.

Spindle whorl 1 Cylindrical, upper surface encrusted, side and lower surface only partially encrusted. Placed near the top of the shaft.

Spindle whorl 2 Cylindrical, warped hole but without wedges. Upper surface clean, lower surface and side encrusted (normally the contrary is seen).

Bibliography Donadoni Roveri 1987, 188, tav. 260; 1988, 109; 2001, 18.

144 S. 09978/4 bis

Spindle l. 25.7 cm, diam. 1 cm.

Spindle whorl 1 diam. 4.7 cm, th. 1.2 cm, hole 0.9 × 0.8 cm. **Spindle whorl 2** diam. 3.8 × 4 cm, th. 0.9 cm, diam. hole 0.9 × 1 cm.

Total weight 18g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at one end while two spindle whorls are attached at the other end, which tapers to a point. Two spindle whorls are preserved but probably did not originally belong to this spindle. Shaft quite encrusted.

Spindle whorl 1 Cylindrical with a warp hole without wedges to adapt it to the shaft. Several breaks are present, one filled with a whitish substance.

Spindle whorl 2 Cylindrical but very warped, hole is not in the centre and it is deformed, probably by previous wedges, here not present. Encrustation not present but surface covered by areas of whitish efflorescence.

Bibliography Donadoni Roveri 1987, 188, tav. 260; 1988, 109; 2001, 18.

145 S. 09978/3 bis

Spindle l. 32.4 cm, diam. 1.1 cm. **Spindle whorl 1** diam. 5.4 cm, th. 1.1 cm, hole 0.9 cm (irregular). **Spindle whorl 2** diam. 5.1 cm, th. 2 cm, hole 1.1 cm. W. 37 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle slightly chipped at the top along the groove used to fasten the thread and also at the bottom, which is rounded and not pointed. Shaft is encrusted with two breaks, perhaps due to a restoration. It shows two spindle whorls on the shaft, one in the original position, near the groove, the other one probably added at a later time.

Spindle whorl 1 Cylindrical, fastened to the shaft with wooden wedges. A light patina covers all sides and whitish efflorescences are present on the upper surface.

Spindle whorl 2 Cylindrical, hole irregular. It shows encrustation on all sides and a lateral break. Lower surface is much more worn than the upper.

Bibliography Donadoni Roveri 1987, 188, tav. 260; 1988, 109; 2001, 18.

146 S. 09978/5 bis

Spindle l. 37.2 cm, diam. 1.1 cm. **Spindle whorl 1:** diam. 4.7 cm, th. 1.6 cm, hole 0.8 cm. **Spindle whorl 2** diam. 4.7 cm, th. 1.7 cm, hole 1 cm. W. 31 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle, complete. Flat top with a spiral groove to fasten fibres and tapered towards the bottom. Both spindle whorls are placed near top of the shaft and cover the groove. Shaft slightly encrusted.

Spindle whorl 1 cylindrical with irregular hole. Very encrusted on all sides, especially the lower one (in contrast to the other objects). Lateral break with wooden peg.

Spindle whorl 2 Cylindrical, complete, with a thin patina on all sides.

Bibliography Donadoni Roveri 1987, 188, tav. 260; 1988, 109; 2001, 18.

147 S. 09978/2

Spindle l. 34 cm, diam. 0.9 cm. **Spindle whorl 1** diam. 5.5 cm, th. 1.5 cm, hole 1.3, very irregular. **Spindle whorl 2** diam. 5.3 cm, th. 1.2 cm, hole 1.1 cm. W. 30 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken and chipped at the bottom. Rounded top with a spiral groove, very well shaped. Spindle whorls do not seem to belong to this shaft but to be added at a later time.

Spindle whorl 1 Cylindrical, with one side of the hole large and irregular, while the other side is regular. All sides slightly encrusted with a lateral break.

Spindle whorl 2 Cylindrical, with a chipped side. Small holes on all surfaces, perhaps caused by insects, and a lateral break. Lower surface with an incised cross.

Bibliography Donadoni Roveri 1988, 109. Donadoni Roveri 1987, 188, tav. 260.

147 Provv. 4654/1

Spindle l. 12.7 cm, diam. 0.8 cm. **Spindle whorl** diam. 4.8 cm, th. 1.8 cm, hole 0.8 cm. W. 15 g.

Material wood, vegetable fibres.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom with a flat top and a deep groove to fasten the threads. Some rounds of vegetable fibres, not twisted, are preserved on the groove. Knots to fasten the fibres are visible. Cylindrical spindle whorl placed near the top of the shaft. Traces of vegetable fibres are present also in the lower side of the hole, but difficult to see.

149 Provv. 4654/2

Spindle l. 21 cm, diam. 0.8 cm. **Spindle whorl** diam 4.6 cm, th. 2.2 cm, diam. 0.8 cm. W. 14 g.

Material wood, vegetable fibres.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, with a rounded top and a deep groove to fasten the thread. Some rounds/coils of threads are preserved upon the groove and are fastened with several coils around a wooden peg. Fibres on the peg do not show twist, but a point of z-twist thread is also visible. Truncated cone spindle whorl is placed near the top of the shaft and fastened by visible wooden wedges.

150 Provv. 4655

Spindle l. 21 cm, diam. 0.9 cm. **Spindle whorl** diam. 3.4 cm, th. 1.5 cm, hole 0.9 cm. W. 15 g.

Material wood.

Chronology unknown. **Origin** unknown.

Wooden spindle broken at both ends, but top still preserves traces of the groove used to fasten the thread. Biconical spindle whorl, flattened with convex profile, placed at the middle of the shaft.

151 Provv. 4664

Spindle l. 7.5 cm, diam. 0.9 cm. **Spindle whorl** diam. 3.9 cm, th. 1.8 cm, hole 0.9 cm. W. 18 g.

Material wood.

Chronology unknown. **Origin** unknown.

Wooden spindle broken at both ends. Cylindrical spindle whorl with rounded edges on one side. The rounded surface is very worn and covered by a greyish patina; it also shows a lateral break and several small holes probably caused by insects.

152 S. 07526/024

Spindle l. 8.4 cm, diam. 1 cm. W. 3.1 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at the bottom, while top is flat and has a deep spiral groove.

153 S. 07526/106

Spindle l. 10.2 cm, diam. 0.9 cm. W. 2.8 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Wooden spindle broken at both ends.

154 S. 09966/01

Size l. 15.2, diam. max. 3 cm

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrically-shaped object with tapering ends, of uncertain employment.

155 S. 09966/02

Size l. 15.5, diam. 1.7 cm

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrically-shaped object with tapering ends, of uncertain employment.

156 S. 07527/01

Spindle whorl diam. 5 cm, th. 1.3 cm, hole 0.7 cm. W. 7 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl partially broken. Clean surfaces with a mark incised on one side.

157 S. 07527/02

Spindle whorl diam. 5 cm, th. 1.1 cm, hole 0.9 cm. W. 8.3 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, complete, with an incised mark on one surface. One surface encrusted the other covered by a patina. One side of the hole is warped.

158 S. 07527/03

Spindle whorl diam. 6 cm, th. 1.2 cm, hole 0.8 cm. W. 17 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl with an incised mark on one surface. On the same side there are several thin incised lines, but no precise sign is recognisable. One side of the hole is warped (same side of mark).

159 S. 07527/04

Spindle whorl diam. 5.4, th. 1.3 cm, hole 0.7 cm. W. 8 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, complete, with a mark on one side and a lateral break. Covered by a thin patina.

160 S. 07527/06

Spindle whorl diam. 5.1, th. 1.8 cm, hole 0.8 cm. W. 11.9 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl with an incised mark on one side and several small notches on the opposite surface. Clean surface. Cut from the central part of a tree trunk.

161 S. 07527/07

Spindle whorl diam. 5.5 cm, th. 1.7 cm, hole 0.9 cm. W. 15.8 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, complete, with three marks incised on one side; the other surface is covered by a thin patina.

162 S. 07527/09

Spindle whorl diam. 5.1 cm, th. 1.9 cm, hole 1 cm. W. 17 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, complete, with marks on both sides. One surface encrusted.

163 S. 07527/10

Spindle whorl diam. 5.4, th. 1 cm, hole 0.6 cm. W. 8 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, complete, with a mark incised on one side. Surface clean and hole warped.

164 S. 07527/11

Spindle whorl diam. 6.2 cm, th. 1.2 cm, hole 0.8 cm. W. 18 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, complete, with several marks incised on one side. Warped hole and holes caused by animals. Both surfaces are clean.

165 S. 07527/13

Spindle whorl diam. 4.9 cm, th. 1.3 cm, hole 0.8 cm. W. 10.4 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, complete, with marks on one side. Surfaces not encrusted but with traces of burning.

166 S. 07527/14

Spindle whorl diam. 4.9 cm, th. 1.7 cm, hole 0.9 cm. W. 13.3 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl with a mark incised on one side and on the same side several thin incised lines. Tree rings visible, cut from a large trunk.

167 S. 07528/001

Spindle whorl diam. 5.4 cm, th. 1.3 cm, hole 0.8 cm. W. 13 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl with a radial break that continues to the hole. On the surface there are dots of a thick whitish substance, perhaps stucco or paint.

168 S. 07528/002

Spindle whorl diam. 5.1 cm, th. 1.4 cm, hole 1 × 0.8 cm. W. 13 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl chipped laterally. Encrusted on one surface, the other shows traces of manufacture.

169 S. 07528/003

Spindle whorl diam. 5.1 cm, th. 1.6 cm, hole 0.7 × 0.8 cm. W. 13 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, complete, with several holes probably caused by insects.

170 S. 07528/004

Spindle whorl diam. 4.4 cm, th. 1.7 cm, hole 0.7 × 0.9 cm. W. 11 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, complete, covered by a thin patina.

171 S. 07528/005

Spindle whorl diam. 5.7 cm, th. 1.5 cm, hole 0.9 × 1.1 cm. W. 18 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, complete, with several holes probably caused by insects.

172 S. 07528/006

Spindle whorl diam. 5.5 cm, th. 1.2 cm, diam. hole 1 × 1.1 cm. W. 16 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, complete. One side show traces of a whitish substance. Warped hole.

173 S. 07528/007

Spindle whorl diam. 5.3 cm, th. 1.6 cm, hole 0.6 cm. W. 13 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl with oval hole.

174 S. 07528/008

Spindle whorl diam. 5.4 cm, th. 1.1 cm, hole 0.9 cm. W. 13.7 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl with deep lateral break that continues to the central hole. Whitish efflorescence is present on both sides.

175 S. 07528/009

Spindle whorl diam. 6 cm, th. 1.3 cm, hole 0.9 cm. W. 18 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, complete, well preserved and well-shaped. One side is covered by a thin patina.

176 S. 07528/010

Spindle whorl diam. 5.3 cm, th. 1.5 cm, hole 0.7 cm. W. 11 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, complete, badly preserved, with small lateral breaks.

177 S. 07528/011

Spindle whorl diam. 5 cm, th. 1.6 cm, hole 0.9 × 1 cm. W. 10 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, complete, well preserved with both surfaces slightly encrusted.

178 S. 07528/012

Spindle whorl diam. 5.4 cm, th. 1.7 cm, hole 1 cm. W. 12 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl broken in two parts, badly restored with glue.

179 S. 07528/013

Spindle whorl diam. 5.1 cm, th. 1.9 cm, hole 0.8 cm. W. 14 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, complete but slightly warped, one surface covered by a thin patina.

180 S. 07528/014

Spindle whorl diam. 5.9 cm, th. 1.6 cm, hole 1 cm. W. 15 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, complete, with several holes probably caused by insects; warped hole.

181 S. 07528/015**Spindle whorl** diam. 5.9 cm, th. 1.6 cm, hole 0.9. W. 13 g.**Material** wood.**Chronology** New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, complete, well-polished on both sides. One surface shows traces of brown encrustation, while the other may have yellowish paint.

182 S. 07528/016**Spindle whorl** diam. 5.1 cm, th. 1.6 cm, hole 0.7 cm. W. 13 g.**Material** wood.**Chronology** New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl with lateral crack. One surface is covered by a thick layer of encrustation, the other one by patina.

183 S. 07528/017**Spindle whorl** diam. 4 cm, th. 1.4 cm, hole 0.7 × 1 cm. W. 15 g.**Material** wood.**Chronology** New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl with lateral crack. One surface is covered by a thick layer of encrustation, the other by a thin patina.

184 S. 07528/018**Spindle whorl** diam. 5.3 cm, th. 1.7 cm, hole 0.7 × 1.1 cm. W. 15 g.**Material** wood.**Chronology** New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl with lateral crack. One side is encrusted.

185 S. 07528/019**Spindle whorl** diam. 4.8 cm, th. 1.2 cm, hole 0.5 × 0.7 cm. W. 11 g.**Material** wood.**Chronology** New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, complete, with one surface covered by a thin layer of patina; the other one is encrusted and shows incised marks.

186 S. 07528/020**Spindle whorl** diam. 5.9 cm, th. 1.2 cm, hole 1 cm. W. 14 g.**Material** wood.**Chronology** New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, chipped, with a lateral break that continues to the central hole and another smaller fracture. One side is covered by a thin patina; the other one is encrusted and shows thin incisions, but no precise pattern is visible.

187 S. 07528/021**Spindle whorl** diam. 4.5 cm, th. 1.9 cm, hole 1 cm. W. 10 g.**Material** wood.**Chronology** New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl with a deep fracture that continues to the central hole, which is quite warped near this crack. One surface is slightly encrusted, the other one shows whitish efflorescence near the hole.

188 S. 07528/022**Spindle whorl** diam. 5.6 cm, th. 1 cm, hole 0.7 cm. W. 9 g.**Material** wood.**Chronology** New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, complete, well-shaped, but badly preserved and one surface highly worn. Clean and made of an unusual type of wood.

189 S. 07528/023**Spindle whorl** diam. 6.1 cm, th. 1.1 cm, hole 0.7 cm. W. 13 g.**Material** wood.**Chronology** New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, complete, with one surface highly encrusted, the other one with a thin patina.

190 S. 07528/024**Spindle whorl** diam. 5.8 cm, th. 1.6 cm, hole 0.7 cm. W. 14 g.**Material** wood.**Chronology** New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, complete, with one side covered by a thick layer of encrustation.

191 S. 07528/025

Spindle whorl diam. 5.2 cm, th. 1.3 cm, hole 0.7 cm. W. 14 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, complete, with one side covered by encrustation and the other clean, with wood vases evident.

192 S. 07528/026

Spindle whorl diam. 4.9 cm, th. 1.9 cm, hole 0.9 cm. W. 12 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, complete, with one side covered by a thick layer of encrustation, the other one by a thin patina.

193 S. 07528/027

Spindle whorl diam. 5.6 cm, th. 1 cm, hole 1 cm. W. 9 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, complete and clean.

194 S. 07528/028

Spindle whorl diam. 6.2 cm, th. 1.3 cm, hole 0.8 cm. W. 18.7 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, complete, with both sides covered with a thin patina and whitish encrustation.

195 S. 07528/029

Spindle whorl diam. 5.4 cm, th. 1.6 cm, hole 0.9 cm. W. 17 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl with deep lateral crack. One side is encrusted and covered by a thick layer of whitish encrustation.

196 S. 07528/030

Spindle whorl diam. 5.8 cm, th. 1.6 cm, hole 1 × 1.2 cm. W. 17 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl with one side covered by a thick layer of encrustation and the other one by a thin patina.

197 S. 07528/031

Spindle whorl diam. 5.1 cm, th. 1.6 cm, hole 0.9 × 0.7 cm. W. 12 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl with two deep lateral cracks that continue to the central hole. Worn surfaces and a yellowish spot on one side.

198 S. 07528/032

Spindle whorl diam. 5.4 cm, th. 1.7 cm, hole 0.9 cm. W. 14 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, complete, with one surface clean and the other covered by a thin patina.

199 S. 07528/033

Spindle whorl diam. 5.2 cm, th. 1.2 cm, hole 0.9 cm. W. 13 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl with a deep lateral break. One side is covered by a thin patina and the other is clean.

200 S. 07528/034

Spindle whorl diam. 5.6 cm, th. 1.2 cm, hole 0.9 cm. W. 11 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, broken, with the two fragments now poorly attached with glue. Worn and badly preserved.

201 S. 07528/035**Spindle whorl** diam. 4.5 cm, th. 1.6 cm, hole 0.7 × 0.9 cm. W. 10 g.**Material** wood.**Chronology** New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, complete. One surface and side are covered by brown encrustation, the other surface by greyish encrustation.

202 S. 07528/036**Spindle whorl** diam. 5.8 cm, th. 1.2 cm, hole 0.9 cm. W. 13 g.**Material** wood.**Chronology** New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, complete but quite worn. Elliptical, warped hole on both sides and surface covered by traces of encrustation.

203 S. 07528/037**Spindle whorl** diam. 5.7 cm, th. 1.4 cm, hole 0.9 × 1.1 cm. W. 14 g.**Material** wood.**Chronology** New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, complete, with a warped polygonal hole, probably due to the insertion of several wedges.

204 S. 07528/038**Spindle whorl** diam. 5.7 cm, th. 1.3 cm, hole 0.7 cm. W. 15 g.**Material** wood.**Chronology** New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, slightly warped. It does not show traces of encrustation but spots of patina on the surface. One side has a knot. It was made from a longitudinal cut of a log.

205 S. 07528/039**Spindle whorl** diam. 6 cm, th. 1.3 cm, hole 0.7 cm. W. 15 g.**Material** wood.**Chronology** New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl with small lateral break. One side is covered by a thick layer of encrusta-

tion, the other one by patina. On this side, traces of manufacture are visible as well as the wood vases.

206 S. 07528/040**Spindle whorl** diam. 4.6 cm, th. 1.7 cm, hole 0.7 cm. W. 11 g.**Material** wood.**Chronology** New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, small and thick, completely preserved. One side is covered by a thick layer of encrustation.

207 S. 07528/041**Spindle whorl** diam. 5.6 cm, th. 1.3 cm, hole 1 cm. W. 13 g.**Material** wood.**Chronology** New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, complete, one side covered by a thick layer of encrustation; the other one clean and with marks from its manufacture.

208 S. 07528/042**Spindle whorl** diam. 4.8 cm, th. 1.6 cm, hole 0.6 cm. W. 11 g.**Material** wood.**Chronology** New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl very well preserved. One side is covered by a thin layer of encrustation.

209 S. 07528/043**Spindle whorl** diam. 5.7 cm, th. 1.6 cm, hole 0.8 cm. W. 15 g.**Material** wood.**Chronology** New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl with a deep lateral crack. One side is covered by a thick layer of encrustation and a break 'stopped' by a wooden peg, perhaps an ancient attempt of restoration. Hole is warped, worn by usage and wedges.

210 S. 07528/044**Spindle whorl** diam. 5.5 cm, th. 1.3 cm, hole 0.9 cm. W. 16 g.**Material** wood.**Chronology** New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl with a deep lateral break. Badly preserved with darkened spots and whitish efflorescence. Different wood from other spindle whorls. One side shows signs of manufacture.

211 S. 07528/045

Spindle whorl diam. 5 cm, th. 1.4 cm, hole 0.9 cm. W. 11 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl with a small lateral fracture. One side is covered by a thick layer of encrustation and its hole is warped by ancient wedges.

212 S. 07528/046

Spindle whorl diam. 5.1 cm, th. 1.2 cm, hole 0.5 × 0.7 cm. W. 12 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, complete, with small hole. One side is covered by a thick layer of encrustation and whitish efflorescence. It shows also probable traces of yellowish paint.

213 S. 07528/047

Spindle whorl diam. 4.8 cm, th. 1.2 cm, hole 0.8 × 0.6 cm. W. 7 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl with a lateral break and highly worn surfaces. One side is covered by a thin patina. Hole is warped by ancient wedges.

214 S. 07528/048

Spindle whorl diam. 5.1 cm, th. 1.8 cm, hole 0.8 cm. W. 16 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl with lateral crack and traces of encrustation.

215 S. 07528/050

Spindle whorl diam. 4.7 cm, th. 1.7 cm, hole 1 cm. W. 11 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl with a deep lateral crack that continues to the hole. One side is covered by a thick layer of encrustation.

216 S. 07528/051

Spindle whorl diam. 5.8 cm, th. 1.5 cm, hole 0.9 cm. W. 16 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, complete, with whitish encrustation on both surfaces. Traces of a yellowish paint (?) are visible on one surface and on side. On the same surface are present traces of burning.

217 S. 07528/053

Spindle whorl diam. 4.9 cm, th. 1.7 cm, hole 0.9 × 0.8 cm. W. 9 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, complete, with traces of encrustation.

218 S. 07528/055

Spindle whorl diam. 6.1 cm, th. 1.2 cm, hole 1 cm. W. 15 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, complete and with encrusted surfaces. Hole is highly warped on one side probably due to ancient wedges.

219 S. 07528/056

Spindle whorl diam. 5.4 cm, th. 1.6 cm, hole 1 × 0.8 cm. W. 17 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl with a thick layer of encrustation and traces of yellowish paint (?).

220 S. 07528/057

Spindle whorl diam. 5.4 cm, th. 1.2 cm, hole 0.7 cm. W. 12 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl with small lateral crack that originates from the central hole. Highly worn surfaces with traces of encrustation.

221 S. 07528/058

Spindle whorl diam. 5.2 cm, th. 1.4 cm, hole 0.9 cm. W. 10 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, broken on one side with traces of encrustation.

222 S. 07528/059

Spindle whorl diam. 6 cm, th. 1.1 cm, hole 1.1 × 1.3 cm. W. 12 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl with lateral breaks and holes caused probably by insects. Central hole quite irregular. Both surfaces are covered by thick layer of encrustation and on one side there are spots of a whitish substance.

223 S. 07528/060

Spindle whorl diam. 5.1 cm, th. 1.3 cm, hole 0.6 cm. W. 9 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, complete, with small, warped and off-center hole. Covered with encrustation.

224 S. 07528/061

Spindle whorl diam. 5.1 cm, th. 1.4 cm, hole 1 cm. W. 11 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, warped and badly preserved. Warped hole due to ancient wedges.

225 S. 07528/062

Spindle whorl diam. 4.8 cm, th. 1.3 cm, hole 8 × 0.6 cm. W. 12 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl with lateral breaks. One side is covered by a thick layer of encrustation.

226 S. 07528/063

Spindle whorl diam. 5.2 cm, th. 1.4 cm, hole 0.9 cm. W. 13 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl completely ruined with a big central hole, and a smaller on the surface, probably caused by insects.

227 S. 07528/064

Spindle whorl diam. 3.8 cm, th. 0.9 cm, hole 0.5 cm. W. 4 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, small and ruined or worn, with an oval central hole.

228 S. 07528/066

Spindle whorl diam. 4.9 cm, th. 1.7 cm, hole 0.5 cm. W. 11 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl with deep lateral break that continues to the central hole. One surface is covered by a thick layer of encrustation.

229 S. 07528/068

Spindle whorl diam. 5.9 cm, th. 1.3 cm. W. 16 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, unfinished. One side shows signs of the preparation for making the central hole.

230 S. 07528/070

Spindle whorl diam. 5.6 cm, th. 1.8 cm, hole 0.9 cm. W. 18 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl with lateral break. One side shows traces of encrustation.

231 S. 07528/073

Spindle whorl diam. 4.4 cm, th. 1.6 cm, hole 1 cm. W. 7 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Small cylindrical spindle whorl, badly preserved, with yellowish traces on both surfaces around its hole, and other holes likely caused by insects.

232 S. 07528/074

Spindle whorl diam. 5.7 cm, th. 1.4 cm, hole 0.6 cm. W. 16 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, well-preserved. Encrusted on both surfaces.

233 S. 07528/075

Spindle whorl diam. 5.3 cm, th. 1.6 cm, hole 0.7 cm. W. 14 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, quite worn but without encrustation.

234 S. 07528/076

Spindle whorl diam. 4.9 cm, th. 1.6 cm, hole 0.9 cm. W. 12 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, complete, heavily encrusted.

235 S. 07528/077

Spindle whorl diam. 5.5 cm, th. 1.5 cm, hole 1 cm. W. 15 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl with yellowish traces on the surface and other traces of encrustation. Oval hole.

236 S. 07528/078

Spindle whorl diam. 4.9 cm, th. 1.2 cm, hole 0.7 cm. W. 9 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, badly preserved, with lateral breaks and encrustation.

237 S. 07528/079

Spindle whorl diam. 4 cm, th. 0.9 cm, hole 0.6 cm. W. 6.6 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Small spindle whorl, complete, with four radial lines painted with a pink colour.

238 S. 07528/081

Spindle whorl diam. 5 cm, th. 1.6 cm, hole 1 cm. W. 16 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl broken and now composed of two fragments.

239 S. 07528/082

Spindle whorl diam. 5.2 cm, th. 1.4 cm, hole 1 cm. W. 10 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, slightly warped, with lateral breaks. Encrustations and whitish efflorescence on the surface.

240 S. 07528/083

Spindle whorl diam. 5.2 cm, th. 1.5 cm, hole 0.9 cm. W. 10 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl badly preserved and made of a dark wood.

241 S. 07528/089

Spindle whorl diam. 5.1 cm, th. 1.4 cm, hole 0.9 × 0.7 cm. W. 14 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, complete, with traces of encrustation on one side.

242 S. 07528/092

Spindle whorl diam. 4.2 cm, th. 1.1 cm, hole 0.5 cm. W. 8 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, complete, with heavy encrustation on the surface.

243 S. 07528/093

Spindle whorl diam. 3.9 cm, th. 1.6 cm, hole 0.6 cm. W. 8 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl decorated by four radial lines painted in black and another line decorates the external edge.

244 S. 07528/096

Spindle whorl diam. 4.9 cm, th. 1.3 cm, hole 0.7 cm. W. 15 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl with a deep lateral fracture and a thick layer of encrustation.

245 S. 07528/099

Spindle whorl diam. 4.7 cm, th. 1.3 cm, hole 0.8 cm. W. 8.3 cm.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl only partially preserved with side chipped. Warped hole likely due to ancient wedges. One hole on the surface. Both sides are covered by whitish efflorescence.

246 S. 07528/103

Spindle whorl diam. 5.6 cm, th. 1 cm, hole 0.9 cm. W. 9 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, complete, with small lateral break and free of encrustation. Irregular central hole.

247 S. 07528/104

Spindle whorl diam. 5.5 cm, th. 1.1 cm, hole 0.7 cm. W. 12 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, complete, with warped central hole probably due to ancient wedges. Clean surfaces.

248 S. 07528/105

Spindle whorl diam. 5.1 cm, th. 1.2 cm, hole 0.7 cm. W. 11 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, complete, with one surface covered by encrustation and an incised mark. Highly worn.

249 S. 07528/106

Spindle whorl diam. 5.8 cm, th. 1.5 cm, hole 0.9 cm. W. 17 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl with lateral breaks and encrusted on the surface. Two radial lines are painted in black.

250 S. 07528/107

Spindle whorl diam. 4.7 cm, th. 1.7 cm, hole 0.9 cm. W. 12 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, complete, encrusted on the surface and with cross-shaped incisions.

251 S. 07528/108

Spindle whorl diam. 5.8 cm, th. 1.6 cm, hole 0.8 × 1 cm. W. 17 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, complete, encrusted on the surface and with incised marks near the edge.

252 S. 07528/109

Spindle whorl diam. 5.1 cm, th. 1.6 cm, hole 0.7 cm. W. 12 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, warped and partially missing, likely due to insects. Central hole warped by ancient wedges. Different wood, more compact.

253 S. 07528/110

Spindle whorl diam. 4.6 cm, th. 1.2 cm. W. 5 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl completely lacking the central part, probably due to insects. Traces of encrustation are also present.

254 S. 07528/111

Spindle whorl diam. 4.9 cm, th. 1.6 cm, hole 0.9 cm. W. 10 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, encrusted on the surface and with small holes probably caused by insects.

255 S. 07528/112

Spindle whorl diam. 5.4 cm, th. 1.2 cm, hole 0.8 cm. W. 8 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl only partially preserved probably due to insects.

256 S. 07528/113

Spindle whorl diam. 5.6 cm, th. 1.5 cm, hole 0.8 × 0.6 cm. W. 9 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, complete, encrusted and with a small perforation likely caused by insects.

257 S. 07528/114

Spindle whorl diam. 4.3 cm, th. 1.3 cm, hole 0.5 cm. W. 9 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Cylindrical spindle whorl, complete and well-preserved. Encrusted on the surface.

258 S. 07528/115

Spindle whorl diam. 4.2 cm, th. 1.6 cm, hole 0.6 × 0.5 cm. W. 7 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina

Truncated cone spindle whorl, complete, with marks from its manufacture on the surface.

259 S. 07528/116

Spindle whorl diam. 4.4 cm, th. 1.2 cm. W. 3 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Small fragment of a cylindrical spindle whorl.

260 S. 09978/3

Spindle whorl diam. 4.7 cm, th. 1.8 cm, hole 0.8 cm. W. 13 g.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, encrusted on the surface.

261 S. 07594/05

Spindle whorl diam. 4.2 cm, th. 1.8 cm.

Material wood.

Chronology unknown. **Origin** Deir el-Medina. Dome-shaped spindle whorl, complete and encrusted on the surface. Several concentric lines are incised around the hole. Similar to those of the Roman Period.

262 S. 07587/09

Spindle whorl diam. 4 cm, th. 2.5 cm.

Material wood.

Chronology New Kingdom. **Origin** Deir el-Medina.

Cylindrical spindle whorl, broken and only partially preserved.

263 Provv. 3683/1

Bundle of flax 8 × 38 × 16 cm

Material flax.

Chronology unknown. **Origin** unknown.

Bundle of flax fibres, not prepared for spinning. They are thick and with the woody bark still preserved.

264 Provv. 3576/2

Hanks of flax 7 × 47.5 × 17 cm

Material flax.

Chronology unknown. **Origin** unknown.

Huge hank of flax with several knots to fasten the fibres, already prepared, retted (maybe) and scutched. Some fragments of wood still visible.

Bibliography D'Amicone 2006, 30.

265 Cat. 6481/1

Skein of flax 27 × 17 cm

Material flax.

Chronology unknown. **Origin** unknown.

Spun linen threads, rolled up in a skein. Yarns are s-ply; single twist not visible but probably single threads were not spun. Several points of splicing and knots are visible. Thread diameter is quite regular with an average of 0.4 mm. Twist angle is 32°.

Bibliography Fabretti et al. 1882, no. 6481.

266 S. 9999/1 and 2

Two skeins of linen 19 × 4.5 cm and 16 × 2.5 cm

Material linen.

Chronology New Kingdom (?). **Origin** Deir el-Medina.

Two skeins of linen threads with visible splicing points. Thread is worn in several areas and is losing its twist, which is s-ply.

1) Made up of different threads. The best preserved is z-twist, without plying. Average diameter is 0.9-1 mm, twist angle (where preserved) is 33°. Another thread is s-ply; average diameter is 0.3 mm and twist angle is 30°.

2) Where thread is well-preserved, an s-ply structure is visible with several points of splicing. Very irregular diameter, with an average of 0.7 mm, twist angle between 35 and 38°.

Bibliography Borla, Oliva 2015, fig. 299.

267 S. 07792

Linen skein 3 × 13 × 7.5 cm

Material linen.

Chronology New Kingdom (?). **Origin** Deir el-Medina.

Small skein of linen with drier fibres than the others. Made up of several threads, one ply and one single, both with s-twist. Several knots are visible as well as at least three threads but there could be more.

Thread 1 Ply thread, average diameter of 0.4 mm, angle 40-45°.

Thread 2 Single thread, average diameter 0.3 mm and variable twist angle, due to the poor preservation of the thread.

Filo 3 Single thread, average diameter 0.3 mm, twist angle 35°.

268 S. 7787

Linen skein 2.5 × 7 × 5.4 cm

Material flax.

Chronology New Kingdom (?). **Origin** Deir el-Medina.

Small and irregular skein of linen thread, which lost its original twist at several points. Might be made up of different threads.

S-twist and s-ply (where visible). Average diameter 0.3 mm, twist angle 35° but at several points 45° due to the poor conditions of its preservation.

269 S. 7791

Ball of yarn diameter 4 cm.

Material flax.

Chronology New Kingdom (?). **Origin** Deir el-Medina.

Linen ball of thread perfectly preserved and tightly wound up. It shows one knot at the end of the yarn and several smaller knots on the inside. Thread is z-ply, single twist not visible or not present at all. Some splicing points are visible. Thread diameter 0.04 cm, twist angle between 35-40°.

Bibliography Borla, Oliva 2015, fig. 299; Donadoni Roveri 2001, 32.

270 S. 07788

Ball of yarn 2 × 3 cm

Material linen

Chronology New Kingdom (?). **Origin** Deir el-Medina.

Linen ball of yarn wound around tow; composed of several threads around the core, some strictly twisted, others with a very loose twist. All threads are s-twisted, some also s-ply. Some knots are visible at the end of the thread. Threads have a

diameter between 0.3 and 0.5 mm, twist angle 35°, in some cases between 45 and 50°.

271 S. 07790

Ball of yarn 1 × 2 × 3.5 cm

Material linen, pottery.

Chronology New Kingdom (?). **Origin** Deir el-Medina

Small ball of yarn wound around a broken pottery rim. Under the thread, which is perfectly preserved, there are unspun vegetable fibres. Twist is quite tight and is z-cabled, s-plyed. (2S, 4Z), single twist not visible. Thread diameter 0.3-0.4 mm, at some points 0.6 mm; twist angle 35°.

Bibliography D'Amicone 2006, 25.

272 S. 7789

Ball of yarn 3 × 6.5 × 5 cm

Material linen, stone.

Chronology New Kingdom (?). **Origin** Deir el-Medina.

Linen ball of yarn wound around a stone, made up of several different threads, at least one brownish thread and one thicker whitish thread. Both are strictly z-plyed, s-twist (z, 2s). Whitish thread is loosely spun with a diameter of 0.6-0.7 mm, angle 45-50°. Brownish thread is tightly spun, splicing points and knots are visible; diameter 0.3-0.4 mm, max. 0.6 mm, twist angle 30-35°. It has a lustrous appearance.

Bibliography D'Amicone 2006, 25.

273 S. 7793

Ball of yarn 1.2 × 3.5 cm

Material linen, stone.

Chronology New Kingdom (?). **Origin** Deir el-Medina.

Small ball of linen yarn wound around a limestone pebble. Thread is tightly twisted and quite even. It is not clear if there are several threads or whether the same thread was broken and wound around the same stone. Single twist not visible, z-plyed. Thread diameter 0.5-0.6 mm, twist angle 35-45°.

Bibliography Borla, Oliva 2015, fig. 299.

274 S. 7794

Stopper 2 × 5 cm

Material vegetable fibres, pottery.

Chronology New Kingdom (?). **Origin** Deir el-Medina.

Pottery sherd of rounded shape, probably originally a stopper. Vegetable fibres and short linen threads are wound around it. Threads are z-twist and s-plyed, in one case they are cabled (2z, 4s), but single twists are not visible. A similar item, S. 8185 (not part of this catalogue) shows only folded raw fibres.

275 S. 13022

Spatula l. 10.5 cm

Material ivory

Chronology First Intermediate Period

Origin Gebelein, Tomb of Iti and Neferu

Small ivory spatula with one rounded end and the other with very tiny teeth (comb?). In a female burial.

Bibliography D'Amicone, Fontanella 2007, 261; D'Amicone 2006, 94 no. 27.

276 S. 01124

Spatula 18.7 × 5.8 × 0.6 cm.

Material bone.

Chronology not known. **Origin** not known.

Leaf-shaped bone spatula, one narrow and rounded end the other larger and with a small point. Smooth and polished surface with wear traces on the lower side, especially on one edge. Rounded and smooth edges.

277 S. 1101/01

Spatula 8.5 × 2.3 × 0.4 cm.

Material bone.

Chronology not known. **Origin** not known.

Small bone spatula broken in two pieces and lacking one end. Preserved point is chipped, but was quite rounded. Curved shaped with thin edges. Both sides are smooth and polished with wear traces, especially on one side.

278 Provv. 6465/01

Spatula 8.6 × 2.3 × 0.4 cm

Material bone.

Chronology not known. **Origin** not known.

Bone spatula, with one side highly polished and the other with visible but slightly smooth cancellous bone. Both ends are broken, but one still preserves an overall triangular shape. Edges are quite thick. No visible wear traces are present on the surface.

279 Provv. 6465/02

Spatula 11.6 × 2.9 × 0.4 cm

Material bone.

Chronology not known. **Origin** not known.

Bone spatula polished on both sides but with worn surface. Cancellous bone is not exposed. One end is broken, the other one has convex sides that form a sort of pen-nib point. No wear traces are noticeable.

280 Provv. 6465/03

Spatula 7.6 × 2 × 0.4 cm

Material bone.

Chronology not known. **Origin** not known.

Bone spatula almost complete, with one smooth and polished side and the other with the cancellous bone completely exposed. One end is rounded but chipped and the other exhibits a pen-nib point. No wear traces are noticeable.

281 Provv. 6465/04

Spatula 7 × 1.9 × 0.4 cm

Material bone.

Chronology not known. **Origin** not known.

Bone spatula broken at both ends and polished on both sides, with no cancellous bone visible. One end was probably point-shaped and wear traces are evident on this part. Slightly convex profile.

282 Provv. 6465/05

Spatula 7 × 1.6 × 0.5 cm

Material bone.

Chronology not known. **Origin** not known.

Bone spatula broken at one end, the other one is chipped but a pen-nib shape is visible. One side has been polished the other one has cancellous bone exposed. The object has not been cleaned and it is quite encrusted, but wear traces are nevertheless evident. Slightly convex profile.

283 Provv. 6465/06

Spatula 6.9 × 1.2 × 0.2 cm

Material bone.

Chronology not known. **Origin** not known.

Bone spatula broken at one end, while the other end has a large point. Its shaft has straight sides for most of its length. One side is polished, on the other one cancellous bone can be seen, it is less smooth near the preserved end. No wear traces are visible. Slightly convex profile.

284 Provv. 6465/07

Spatula 8.2 × 1.3 × 0.4 cm

Material bone.

Chronology not known. **Origin** not known.

Bone spatula, broken at one end, the other with a pen-nib point. One side is polished and the other has cancellous bone exposed, but it is quite smooth, especially near the point. It has a slightly convex profile and is thicker on one side.

285 Provv. 6465/08

Spatula 12.3 × 1.1 × 0.4 cm

Material bone.

Chronology not known. **Origin** not known.

Bone spatula, broken at one end while the other one has a pen-nib point. One side is smooth, the other one has cancellous bone exposed. It has a very convex profile. The object has not been cleaned and it is quite encrusted.

286 Provv. 6465/09

Spatula 6.6 × 1.6 × 0.5 cm

Material bone.

Chronology not known. **Origin** not known.

Bone spatula almost complete, with just a small part of the point missing. One end has a pen-nib point while the other is flat. Both surfaces are smooth and there is no cancellous bone visible. There are no visible wear signs. Flat profile.

287 Provv. 6465/10

Spatula 6.6 × 2 × 0.5 cm

Material bone.

Chronology not known. **Origin** not known.

Bone spatula almost complete. One end has a triangular point while the other is rounded but chipped. One side is smooth while the other has cancellous bone exposed, polished only near the edges. No wear traces are detectable. Flat profile.

288 Provv. 6465/11

Spatula 7.1 × 1.3 × 0.3 cm

Material bone.

Chronology not known. **Origin** not known.

Narrow bone spatula broken at both ends, curved shape and concave profile. One side is smooth while the other one has cancellous bone exposed. On the smooth side, thin and parallel wear traces are visible.

289 Provv. 6465/12

Spatula (?) 4.1 × 1 × 0.3 cm

Material bone.

Chronology not known. **Origin** not known.

Broken fragment of a rib, one side has cancellous bone exposed. Broken at both ends. It might be part of a spatula. Flat profile.

290 Provv. 6465/13

Spatula 10.6 × 1 × 0.3 cm

Material bone.

Chronology not known. **Origin** not known.

Long and narrow bone spatula, one end missing, the other with an elongated pen-nib point. One side is smooth, while the other shows cancellous bone. The object has not been cleaned but wear traces are nevertheless detectable. Slightly concave profile.

291 Provv. 6465/14

Spatula (?) 17.3 × 2.7 × 0.4 cm

Material wood.

Chronology not known. **Origin** not known.

Wooden spatula, broken at one end, while the other one has a triangular point. One side is smooth and shows traces of wear. Flat profile.

292 Provv. 6465/15

Spatula 11.1 × 2.2 × 0.4 cm

Material bone.

Chronology not known. **Origin** not known.

Bone spatula broken at one end, while the other has a long and beautifully preserved pen-nib point. One side is smooth and the other has cancellous bone preserved. No wear traces are visible. Flat in profile but lower side slightly concave in transverse direction.

293 Provv. 6465/16

Spatula 9.2 × 1.5 × 0.2 cm

Material bone.

Chronology not known. **Origin** not known.

Bone spatula broken at one end, while the other has a very long and thin pen-nib point. One side is smooth, the other has cancellous bone exposed, except for the point. Cancellous bone still rough near the broken part but increasingly smooth toward the point, which indicates that it was used principally at its point. No wear traces are clearly visible. Flat profile.

294 Provv. 6465/17

Spatula 8 × 1.5 × 0.25 cm

Material bone.

Chronology not known. **Origin** not known.

Bone spatula with one rounded end and the other with a chipped pen-nib point. One side is smooth, the other has the cancellous bone exposed. No wear traces are visible. Flat profile.

295 Provv. 6465/18

Spatula 6.9 × 2.3 × 0.2 cm

Material bone.

Chronology not known. **Origin** not known.

Fragment of beautiful bone spatula, broken at one end while the other has a chipped pen-nib point. It is carefully polished on both sides. Wear traces are visible near the point, probably caused by a sharp tool. Flat profile.

296 Provv. 6465/19

Spatula 6.1 × 2.6 × 0.3 cm

Material bone.

Chronology not known. **Origin** not known.

Bone spatula broken at one end, which should have been pointed. The other end is large and rounded. One side is smooth, the other has cancellous bone exposed, but is almost completely worn away. Wear traces are visible. Flat profile.

297 Provv. 6465/20

Spatula 7.6 × 2.8 × 0.3 cm

Material bone.

Chronology not known. **Origin** not known.

Bone spatula almost complete, one end has a chipped pen-nib point, the other a triangular point. One side is smooth, the other has cancellous bone exposed. Cancellous bone still rough near the broken end but increasingly smooth toward the point, which indicates that it was used principally at the point. Wear traces are visible near point and edges. Flat profile.

298 Provv. 6465/21

Spatula 9 × 1.6 × 0.3 cm

Material bone.

Chronology not known. **Origin** not known.

Singular bone spatula almost complete, tapering toward the rounded end and with a broken pen-nib point on the largest end. One side is smooth, the other has cancellous bone exposed.

299 Provv. 6465/22

Spatula 6.8 × 1.5 × 0.4 cm

Material bone.

Chronology not known. **Origin** not known.

Bone spatula broken at one end and missing part of one side. The other end has a pen-nib point. One side is smooth while the other has cancellous bone exposed. Transversally convex profile.

300 Provv. 6465/23

Spatula 12.4 × 1.1 × 0.4 cm

Material bone.

Chronology not known. **Origin** not known.

Fragment of bone spatula, one end and side missing. Pointed end preserved, one side smooth the other with cancellous bone preserved. Longitudinally concave profile.

301 Provv. 6465/24

Spatula 6.9 × 1.6 × 0.3 cm

Material bone.

Chronology not known. **Origin** not known.

Narrow bone spatula broken at one end, the other has a long triangular point. One side is smooth, while the other has cancellous bone preserved, especially on the central part, due to the concave profile. One side has clear evidence of wear traces. Flat profile, transversally concave.

302 Provv. 6465/25

Spatula 6.4 × 1.2 × 0.4 cm

Material bone.

Chronology not known. **Origin** not known.

Long and narrow point of a spatula, missing the other end. One side is smooth while the other has cancellous bone still preserved, but almost worn away near the point. Wear traces on one side. Flat profile.

303 Provv. 6465/26

Spatula 6.4 × 1.2 × 0.4 cm

Material bone.

Chronology not known. **Origin** not known.

Bone spatula almost complete, tapering toward the rounded end and with a broken pen-nib point on the largest end, similar to P. 6465/21. Both sides are smooth. Slightly concave profile.

304 Provv. 6465/27

Spatula 7.7 × 2.2 × 0.4 cm

Material bone.

Chronology not known. **Origin** not known.

Bone spatula broken at one end, the other end has a chipped pen-nib point. One side is smooth, while the other has cancellous bone preserved. Flat profile.

305 Provv. 6465/28

Spatula 9.4 × 1.6 × 0.3 cm

Material bone.

Chronology not known. **Origin** not known.

Long and narrow bone spatula, broken at both ends. One side is smooth and the other has cancellous bone exposed.

306 Provv. 6465/29

Spatula 7.7 × 2.2 × 0.4 cm

Material bone.

Chronology not known. **Origin** not known.

Bone spatula, almost complete, only small fragments missing. One end is rounded, the other has a pen-nib point. It is very thin and smooth on both sides. Concave profile.

307 Provv. 6465/30

Spatula 5.4 × 1 × 0.3 cm

Material bone.

Chronology not known. **Origin** not known.

Small fragment of a bone spatula, with part of a triangular point preserved. One side is smooth and the other has cancellous bone exposed.

308 Provv. 6465/31

Spatula 8.2 × 1 × 0.2 cm

Material bone.

Chronology not known. **Origin** not known.

Long and narrow bone spatula, almost complete, point chipped. One end is rounded, the other has a pen-nib point. One side is smooth and the other has cancellous bone exposed. Flat profile.

309 Provv. 6465/32

Missile point.

310 S. 11053

Needle 15.5 × 0.5 cm

Material iron

Chronology not known. **Origin** Assiut

Long iron needle with oval eye.

311 Provv. 4613

Needle 13.2 × 0.9 cm

Material wood.

Chronology not known. **Origin** not known.

Long and thick wooden needle or bodkin with oval eye and flat head.

313 Provv. 4373

Needle 11.5 × 0.5 cm

Material wood.

Chronology New Kingdom (?). **Origin** Deir el-Medina (?)

Wooden needle with oval eye and flat head.

314 Provv. 5191

Needle 18.3 × 0.6 cm

Material iron.

Chronology New Kingdom (?). **Origin** not known.

Long and thin iron needle with eye made by folding the metal over.

315 Provv. 5534

Needle 19.2 × 0.4 × 1.2 cm

Material bronze.

Chronology New Kingdom (?). **Origin** not known.

Long and thin bronze needle with a very large and round eye.

316 S. 01498

Needle (?) 11 cm

Material bronze.

Chronology New Kingdom (?). **Origin** not known.

Long and thin needle (?) with no traces of eye but both ends pointed.

317 Cat. 6336

Needle (?) 17.6 × 0.8 × 0.2 cm.

Material bronze.

Chronology Late Period (?). **Origin** not known.

Long, large and flat needle or bodkin.

Bibliography Donadoni Roveri 2001, 32.

318 Cat. 6337

Needle 8.5 × 0.4

Material bronze.

Chronology New Kingdom (?). **Origin** not known.

Bronze needle with oval eye and round section.

319 S. 08379

Needle case (with two needles and a blade): 14.8 × 2.8 × 1.9 cm

Materials Bronze – vegetable fibres – papyrus

Chronology New Kingdom - Amenhotep II - Amenhotep III

Origin Deir el-Medina / Tomb of Kha (TT8)

Two bronze needles and a small razor fixed in a needle case made of papyrus reeds joined by twine (made of two yarns very loosely s-twist, each of them s-plied, z-cabled). One of the two needles has preserved a piece of thread in the eye (final twist z and knotted). Both have small, round eyes.

Bibliography Donadoni 1987, 197, tav. 285. Donadoni Roveri 2001, 33. Schiaparelli 1927, 77, fig. 43, 5.

320 S. 08496

Needle case (and four needles) 16 × 4.1 × 3.3 cm

Materials bronze and papyrus reed

Chronology New Kingdom, Amenhotep II, Amenhotep III

Origin Deir el-Medina/Tomb of Kha (TT8)

Four bronze needles fixed in a piece of papyrus reed. Thin and round in section with very small circular eyes.

Bibliography Schiaparelli 1927, 77, fig. 43.5.

321 S. 09947

Needle (?) 6.3 × 0.3 cm

Material bronze.

Chronology New Kingdom (?). **Origin** Deir el-Medina.

Small bronze needle, however no traces of its eye are visible.

322 S. 09946

Needle 10.2 × 0.2 cm

Material bronze.

Chronology New Kingdom (?). **Origin** Deir el-Medina.

Long and thin needle, round in section, point and eye perfectly preserved. Extremely small eye.

Bibliography Donadoni Roveri 1987, 204, tav. 283.

323 S. 09945**Needle** 12.8 × 0.2 cm**Material** bronze.**Chronology** New Kingdom (?). **Origin** Deir el-Medina.

Long and thin needle with round section, point and eye perfectly preserved.

324 S. 07619**Needle** 9.5 × 0.2 cm**Material** bronze.**Chronology** New Kingdom (?). **Origin** Deir el-Medina.

Long and thin needle with round section, point and eye perfectly preserved.

325 S. 07796**Bodkin** 9.5 × 1.2 cm**Material** wood, linen.**Chronology** New Kingdom (?). **Origin** Deir el-Medina.

Wooden needle or bodkin with flat head where a quite crude eye is carved. Inside the eye a knotted thread is preserved. Final twist s, each thread made of several threads (at least three single and one double), and twist in z direction. Single and double threads have an s twist.

Bibliography Borla, Oliva 2015, fig. 299.**326** S. 07566**Bodkin** 16.5 × 1.2 cm**Material** wood.**Chronology** New Kingdom (?). **Origin** Deir el-Medina.

Wood bodkin, bent and with a round eye.

327 S. 09975**Bodkin** 12 × 1.8 cm**Material** wood.**Chronology** New Kingdom (?). **Origin** Deir el-Medina.

Wooden bodkin, bent with round eye.

329 S. 05979**Warp spacer** 22.2 × 2.4 × 1.7 cm**Material** wood**Chronology** New Kingdom, Late Period (?). **Origin** Valley of the Queens.

Wooden warp spacer, broken at one end and the other is flat. It has a triangular section and the up-

per part has 23 deep notches and 6 half-notches. Sides are polished while flat base is rough.

Bibliography Borla, Oliva 2015, fig. 298.**330** Provv. 4335/1**Wood object** 22.2 × 1.5 × 1.8 cm**Material** wood.**Chronology** not known. **Origin** not known.

Thin wooden lath with 12 large through-holes. Both ends are concave, but one has a mortise and the other probably the remains of a tenon. Surface much worn.

331 Provv. 4335/2**Wood object** 22.2 × 1.5 × 0.9 cm**Material** wood.**Chronology** not known. **Origin** not known.

Thin wooden lath with 12 small through-holes. Both ends are concave, but one has a mortise and the other the remains of a tenon.

332 S. 04086**Spinning bowl** 15.8 × 5.6 cm**Material** Pottery**Chronology** Predynastic. **Origin** Heliopolis

Pottery bowl with base, part of walls and central diaphragm preserved. Thick walls with coarse temper inclusions of vegetal material. Shape quite irregular, hand-made.

Bibliography Borla, Oliva 2015, fig. 297.**333** S. 04087**Spinning bowl** 14 × 5.6 cm**Material** Pottery**Chronology** New Kingdom. **Origin** Heliopolis
Pottery bowl with base, part of walls and two central loops preserved.**334** Provv. 485**Weight** 7.1 × 5.4 × 1.7. W. 64g + x**Material** pottery.**Chronology** Not known. **Origin** not known.

Pottery loomweight of discoid elliptical shape with two through-holes near the top. Partially broken.

335 Cat. 6391**Weight** 5.7 × 5.4. W. 44 g.**Material** pottery.**Chronology** not known. **Origin** not known.

Pottery loomweight of truncated pyramidal shape with a through-hole near the top, which is not flat but shows a little groove. Chipped.

Bibliography Fabretti et al. 1888.

336 Provv. 6638

Weight 3.5 × 4.3 × 1.4 cm. W. 27 g.

Material limestone.

Chronology not known. **Origin** not known.

Pear-shaped limestone loom weight with a through-hole near the top.

337 S. 17051/01

Weight diam. 4.2 cm, h. 3.9 cm, hole 1.1 cm. W. 48 g.

Material Limestone.

Chronology Middle Kingdom. **Origin** Gebelein, tomb 1.

Globular weight, vertically perforated, with flattened lower surface. No. 123.

338 S. 17051/02

Weight diam. 4.1 cm, h. 3 cm, hole 1.1 cm. W. 46 g.

Material Limestone.

Chronology Middle Kingdom. **Origin** Gebelein, tomb 1.

Globular weight, vertically perforated, with flattened lower surface.

339 S. 17051/03

Weight diam. 4.4 cm, h. 3.4 cm, hole 1.2 cm. W. 59 g.

Material Limestone.

Chronology Middle Kingdom. **Origin** Gebelein, tomb 1.

Globular weight, vertically perforated, with flattened lower surface. No. 125.

340 S. 17051/04

Weight diam. 4.4 cm, h. 3.5 cm, hole 1.2 cm. W. 59 g.

Material Limestone.

Chronology Middle Kingdom. **Origin** Gebelein, tomb 1.

Globular weight, vertically perforated, with flattened lower surface.

341 S. 17051/05

Weight diam. 4.2 cm, h. 3.3 cm, hole 1.2 cm. W. 61 g.

Material Limestone.

Chronology Middle Kingdom. **Origin** Gebelein, tomb 1.

Globular weight, vertically perforated, with flattened lower surface.

342 S. 17051/06

Weight diam. 4 cm, h. 3.8 cm, hole 1.2 cm. W. 60 g.

Material Limestone.

Chronology Middle Kingdom. **Origin** Gebelein, tomb 1.

Globular weight, vertically perforated, with flattened lower surface.

343 S. 17051/07

Weight diam. 4 cm, h. 3.5 cm, hole 1.2 cm. W. 50 g.

Material Limestone.

Chronology Middle Kingdom. **Origin** Gebelein, tomb 1.

Globular weight, vertically perforated, with flattened lower surface.

344 Provv. 4489

Weight diam. 4 cm, h. 2.2 cm, hole 0.9 cm. W. 23 g. **Yarn length** 24 cm.

Material wood; vegetable fibres.

Chronology not known. **Origin** not known.

Weight or spindle whorl, dome-shaped, with thick thread passing through the hole.

