

**-5-Textile Spinning**. *Homo Erectus ca 450,000 to ca 350,000 years ago*

-1- SPINNING, CORDING and ROPE, HOMO-ERECTUS, SPOOL, [twist, kinking, stretch] NETS, BASKETS, WEIRS Gather Wind Spin Wool, DROP-SPINDLE ? WEIGHT

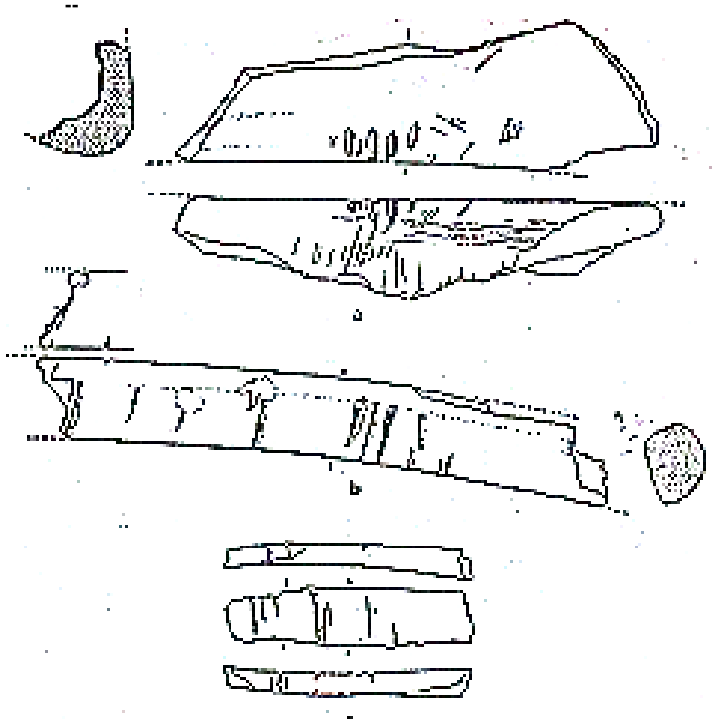
[**FORMAT**] ... Homo Erectus is far more gifted than what's been thought for most of the 20<sup>th</sup> Century. He carved female images as found in Morocco, He built boats and in them crossed parts of the World Ocean. There are in Europe a few dozen examples of his inscriptions on ivory, bone and stone [below]. These are written language. At Terra Amata in Southern France he built a dwelling about 30 ft long and there left crayons, bowls, spoons, and stone tools.

There are a few evidences- not at all willingly accepted by archaeologists- that Homo Erectus colonized North and South America. There are abundant evidences of his presence in Central and Eastern Siberia- most guardedly viewed by archaeologists.

It's possible that Homo Erectus was driven out of Europe by the Neanderthals.

Is it possible that Sapiens Sapiens evolved from Homo Erectus in the New World, safe from the Neanderthal, then returned to Europe? There are evidences of Sapiens Sapiens having been in Hungary ca.75,000 BC contending with the Neanderthals then disappearing.

Was the Neanderthal exterminated by a disease?? By the spears of Sapiens Sapiens? Both were climax predators and when two climax predators roam the same region they war with one another. An example is the lion and hyaena. [Please see the section concerning Homo Erectus.]



COUNT<sup>MONTHS</sup> SPIN

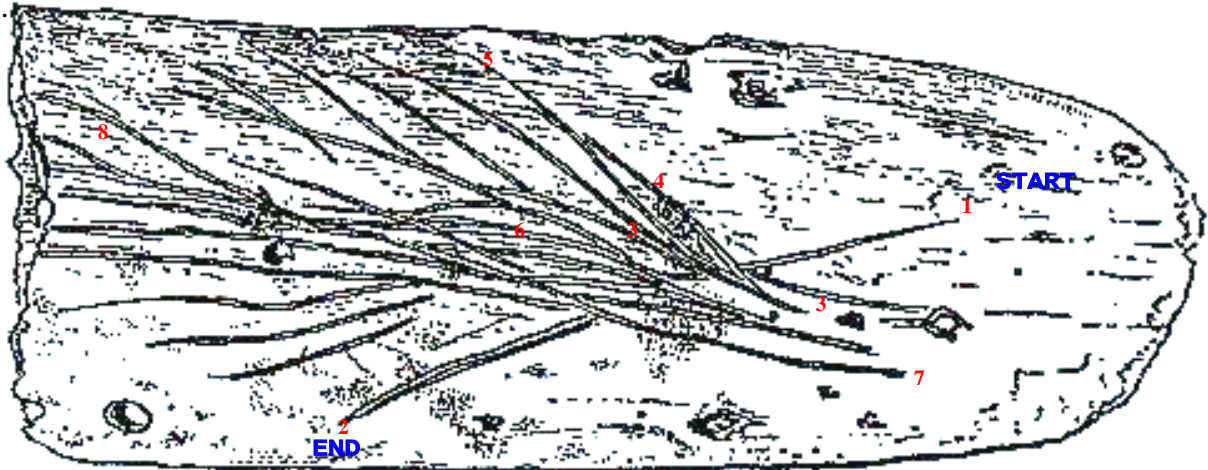
.COUNT-4 MARK COUNT-1 COUNT-3  
CRESCENT<sup>MARKS-MONTH</sup>  
GEOGRAPHIC. ....

.WANING-CRESCENT  
CALENDRIC ? ABOUT DARK OF MOON .  
.WAXING-CRESCENT. ....

# -5-1- Textile Spinning.

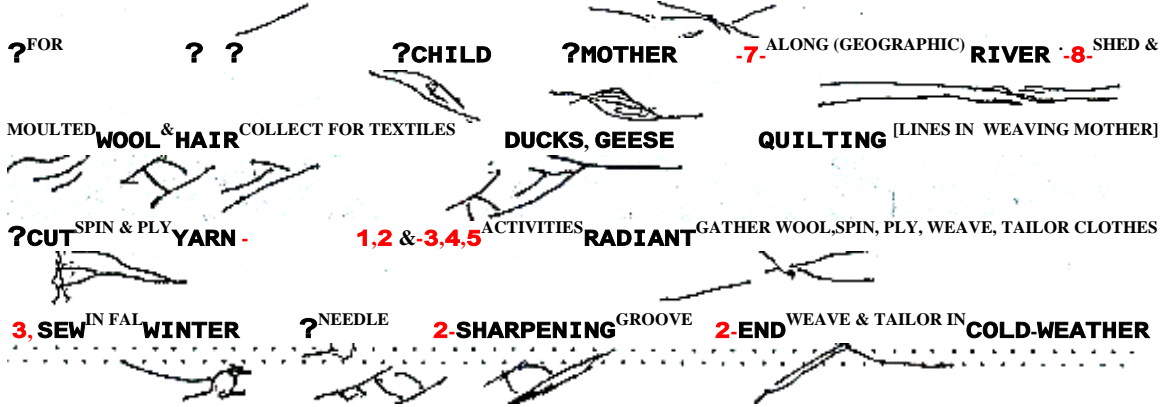
-1- SPINNING, CORDING and ROPE, HOMO-ERECTUS, SPOOL, [twist, kinking, stretch] NETS, BASKETS, WEIRS Gather Wind Spin Wool, DROP-SPINDLE ? WEIGHT

[FORMAT] . Gravettian, Isturitz Cave. France ..GRAVETTIAN Reindeer Antler, Story (felting) Knife. ca. 28,000 BC. Symbols and signs are ancestral to those in the ca. 14,000 BC Bolling; however fourteen thousand years is a great depth in time. The Gravettian is a distant from the Bolling, as it is from us today.



[VOCABULARY] ACTIVITIES-Radiant, azimuth V [horizontal angle between sunrise and sunset along horizon], child, cold, cold-weather [fall or winter], cut [verb], duck, fall [the season], gather, goose, hair, END, LEAD-LINE, mother, needle, quilt [noun or verb], Activities-RADIANT, river, sew [verb], spring [the season], START, weave [noun or verb], weaver, wind-spin wool, wool, yarn,

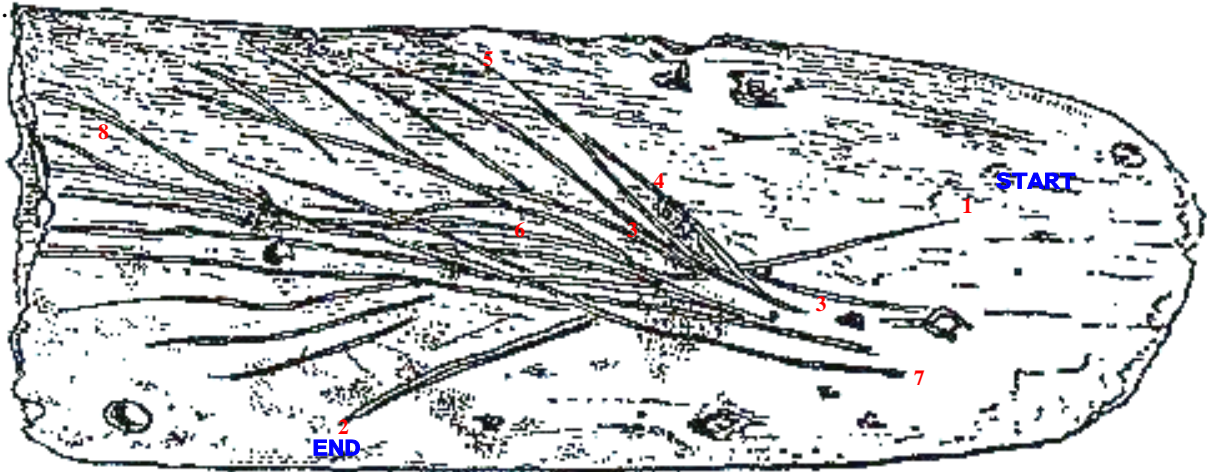
[TRANSLATION] START @ -1- WINTER ACTIVITIES LEAD LINE & -1.2 & -3.4.5-? SOLAR SPRING AZIMUTH V



# -5-1- Textile Spinning.

-1- SPINNING, CORDING and ROPE, HOMO-ERECTUS, SPOOL, [twist, kinking, stretch] NETS, BASKETS, WEIRS Gather Wind Spin Wool, DROP-SPINDLE ? WEIGHT

[FORMAT]. Gravettian, Isturitz Cave. France ..GRAVETTIAN Reindeer Antler, Story (felting) Knife. [RDE 15<sup>th</sup> Nov.2002, Kwajalein& DB 8<sup>th</sup> Nov.Mass.USA]



- 1- **START** at calendric Solar Azimuth-V [indicating “this is a winter time activity”]  
**Lead-Line.** -1- “Here’s what we do during cold winter weather with this tool  
**Lead-Line possibly Cartographi-7,8-** [indicating: “hair, wool for textiles hunted & collected along river”]
  - 6- **Major Cardinal.** Adult Woman (mother) [size of image & carries child]  
**Symbol** Quilting [shown by vertical quilting-lines inside “Mother cardinal”]  
**Activities Radiant.** Centers at crossing of -1,2- and -3,4,5- saying: [“we make clothing”].  
**Calendric.,** -1,2- & -3,4,5 says: “This is cold-weather” winter work [lead to mother continues as needle-polishing line, child and fiber are other flank of V]  
**Symbol.** At -2- Sharpen needle in this groove [incorporated in Solar Azimuth V says: “sewing done in winter”]
  - 3,4,5 **Secondary Cardinal.** Child [behind mother, but not attached as at Gonnorsdorf where they’re outside]
  - 3,4,5 **Secondary Cardinal.** Persona [between mother and child] probably spins yarn **-2- END**
- [note: above expanded horizontally for clarity, below natural proportions]



.upper rounded pressing –edge for working warm wet fibers into felt

.GRAVETTIAN Isturitz Cave, France  
 circa 26,000 BC

Reindeer Antler, Story Knife.

Used for (felting)

Inscription shows yarn spinning

lower, sharp flaked cut-and-scrape edge for scraping felting hair and wool from animal hides

smooth bottom for pressure rubbing hair and fibers into felt

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## **-5-1-** Textile *Drop Spindle Weight* ?

-1- SPINNING, CORDING and ROPE, HOMO-ERECTUS, SPOOL, [twist, kinking, stretch] NETS, BASKETS, WEIRS Gather Wind Spin Wool, DROP-SPINDLE ? WEIGHT

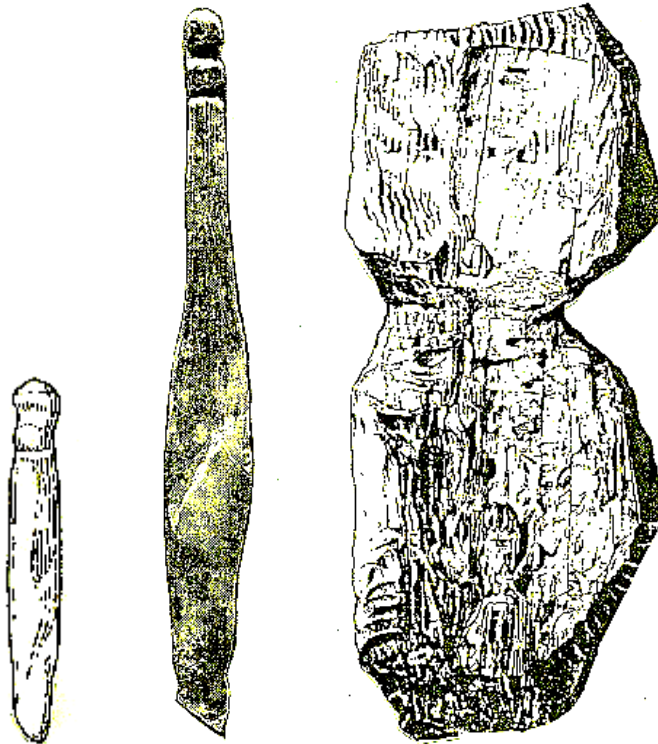


.[FORMAT] . *Femme au cou perforé* ["Woman with perforated neck"] Gravettian *Barma Grande Cave Liguria, Italy*. Carved of dark-green steatite. Hair falls over neck and back, 6.9 cm high ; on one side the figure is shown as pregnant, on the other a non-pregnant female. .

## **-5-1-**Textile *Battan and Spool*

-1- SPINNING, CORDING and ROPE, HOMO-ERECTUS, SPOOL, [twist, kinking, stretch] NETS, BASKETS, WEIRS Gather Wind Spin Wool, DROP-SPINDLE ? WEIGHT

.[FORMAT] . *Brassenpouy, France* . ca.23,000 BC .PERIGORDIAN phase VI (or Aurignacian Vc) [note: Perigordian VI seems to be a time when another variety of sapiens is entering Europe via the Andronovo Corridor. These are a taller variety perhaps less prone toward Cushing's Syndrome. Perhaps they evolved on the cold prairies and cold steppes rich in mega fauna, and where they ran-down game. Fat would not be scarce during any part of the year. The ability to run swiftly, to pace great distances tirelessly, to carry significant loads would have been important.]



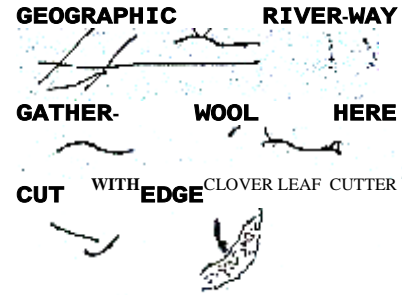
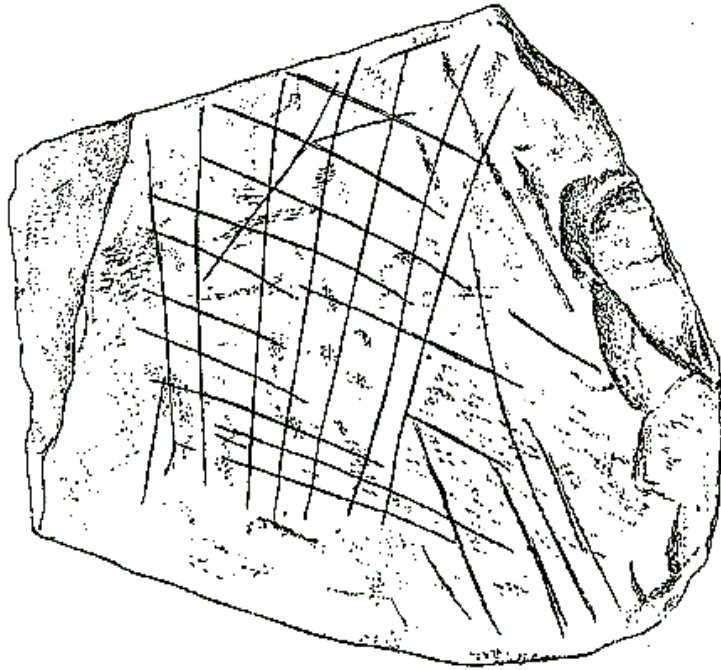
.[FORMAT] . ["Les Poupees Fillette" The Thin Dolls.] left: Brassenpouy, ivory L'Ebauche de poupée. center: Brassenpouy, Dade Cave, ivory Ebauche de statuette, right, Brassenpouy, Navette anthropomorphe ivory spatula engraved with (chevrons-- weaver's symbols) with feminine shape, possibly used as a SPOOL.

# **-5-1-** Textile *Gathering Wind-Spin Wool*

-1- SPINNING, CORDING and ROPE, HOMO-ERECTUS, SPOOL, [twist, kinking, stretch] NETS, BASKETS, WEIRS Gather Wind Spin Wool, DROP-SPINDLE ? WEIGHT

[FORMAT] . *La Grotte D'Isturitz, France* . Ref. Memoire 17 la Grotte D'Isturitz, III LE MAGDALÉNIEN DE LA GRANDE SALLE (Foundation Albert 1<sup>st</sup> Prince de Monaco) ]

## *Is Sunday a Magdalenian Day of Rest ?*



[TRANSLATION] START WITH CUT / SCRAP WOOL AND HAIR COUNT 7 [DAYS IN LUNAR WEEK] USE HAIR

START WITH CUT / SCRAP WOOL AND HAIR COUNT 7 [DAYS IN LUNAR WEEK] USE HAIR FOR (VERTICAL) WARP

WARP STRANDS SPIN [FOR] LOOM ? COUNT 6 [LUNAR MONTHS] WHEN WE WEAVE ? COUNT 1 [LUNAR MONTH]

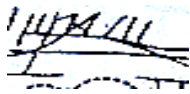
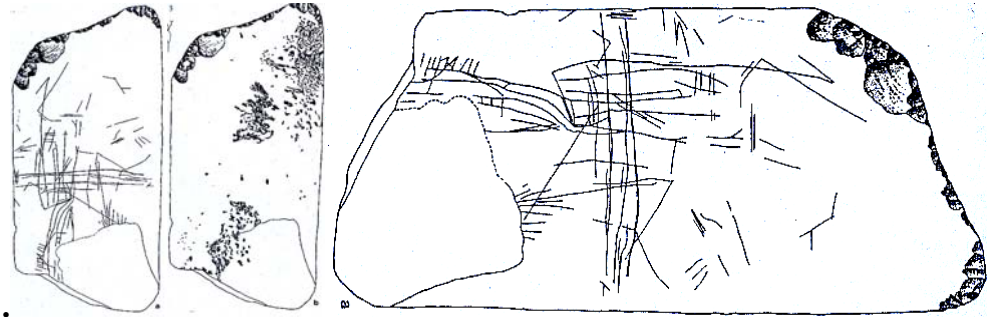
? COUNT 7 [LUNAR MONTHS] WE GATHER WOOL SHE WEAVES-IN (HORIZONTAL) WOOF ? SET WITH BATTEN

[VOCABULARY] batten, (count)[word understood] cut [verb], gather [verb- gather wind-spin wool], hair, loom [noun- in this script an upright weighted loom], month [noun- lunar month], scrape [verb- scrape hair and/or wool from a hide], set [verb- tighten the weave with a batten], she, spin [verb], START, strand, warp [noun- horizontal threads in a weave], woof [noun- vertical threads in a weave], weave [verb- usable as a noun], weave-in [verbal], week [7 solar days in an average lunar week], wool,

# **-5- Textiles . Cording and Rope .**

-1- SPINNING, CORDING and ROPE, HOMO-ERECTUS, SPOOL, [twist, kinking, stretch] NETS, BASKETS, WEIRS Gather Wind Spin Wool, DROP-SPINDLE ? WEIGHT

[FORMAT] . - - - - - . . .



Start upper left line curves up forming ear. (left) probably represents horses.  
Count-3 animals to be processed SKIN [all three] SYMBOL



**Link-Line**① ⇨ top-right toward CORDING SYMBOLS **Link-Line**② ⇨ second-from-top to SPINNING SYMBOLS **Link-Line**③ ⇨ bottom-right SPEARMAN SYMBOL loops through ⇨ three marks then ⇨ links into central area toward HIDE SYMBOL



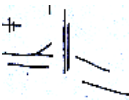
Small **Register** At the BLADE to left symbolizing its functions CUT [tails, manes] LONG HAIR SYMBOLS **Link-Line**④ ⇨ to CORDING SYMBOLS CUT and SCRAPE WOOLLY HAIR SYMBOLS **Link-Line**⑤ ↗ to SPINNING SYMBOLS SCRAPE very short HAIR for FELT SYMBOLS **Link-Mark** ↘ to WEAVER SYMBOL



top-center small square-boundary GREEN-HIDE<sup>CARDINAL</sup> center-right TREATED-HIDE<sup>CARDINAL</sup>



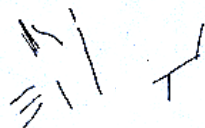
bottom-center PERSONA SYMBOL left-of-persona-and-vertical SPIN-YARN SYMBOLS extending upward from persona CORD long FIBERS SYMBOLS



make cords for hunters



trip-rope cords



cords used as small game snares

This script is a song-of-glory resonating to this reader fourteen thousand years down the trail of time. It tells of the extremely hard, devoted and carefully-planned and portioned work of girls and women of the Golden Bølling. It tells how they work-together while-talking-together to educate their daughters and sons. ["daughter" is placed first, as most of the writing was done by ladies]

How excellent was the eyesight of the writer. How old was she? She – whatever her age- traveled widely meeting many closely-related homogeneous hunting clans. She spoke a language this writer will call Nostratic.

The people about here were survivors of Würm IV's iron frosts emerged - the hardy survivors of its iron frosts and bitter cold. These were a vigorous people. Compare them with the Normans who small in number by virtue of their strength intelligence, and mutual loyalties briefly conquered much of Europe and then Mediterranean.

And compare the sweep of Nostratic language about the Planet with Norman LINGUA FRANKA which for centuries was the common Mediterranean Language. Not until today's English has a language matched Mostratics Global Sweep. Even as I write English is more-and-more becoming the Global Language.

# -5-Textile Thigh, Epinetron & Spindle Whorl.

-2- THIGH, EPINETRON and SPINDLE-WHORL

[FORMAT] . La Grotte D'Isturitz, France, Magdalenian .

"Rolling fibers across his upper lip !" "Why?" "Doing What?"

"It will," The lady declares, "insure that his face will be smooth."  
Then she adds, "When we should It's always done for girls

So much has been forgotten. Statues of Romans look clean shaven. They didn't shave; they were plucked. Specialists who plucked waited outside the baths. Then for a fee, they plucked. The more often plucked the thinner the hair. Frequently-plucked hairs can vanish. Shaved hair remains bristly.

In all parts of the World spinning begins with ladies rotating threads on their thighs or forearms. This plucks hairs leaving skin wonderfully smooth. But overdone the skin's sore and can develop rashes. That's why in Minoan Crete of ca. 3,200 BC the epinetron was invented. Even worse, infections ranging from streptococcus, through staphylococcus to anthrax can and did infect sores, rashes open-plucked hair follicles.

To avoid sores, infections, and disease -the Epinetron was invented. It is a low-fired clay sheath placed over a lady's thigh; upon which she twists fibers into cording, yarns and even threads.

[note see Linguistics: I have translated a few LINEAR-A symbols. Including EPINETRON (a picture of one), DISTAFF, SPIN, PLY, WEAVE, CLOTH and DYE---- with YELLOW SAFFRON, with BLUE with RED.]

[FORMAT] This is part of a weaver's batten. The upper figure's a SPINSTER  
[TRANSLATION] SHE SPINS FIBERS ON HER THIGH THE WEAVER BELOW USES

BELOW PROBABLY THE WEAVER WITH BATTEN WORKS-INTO CLOTH STRANDS

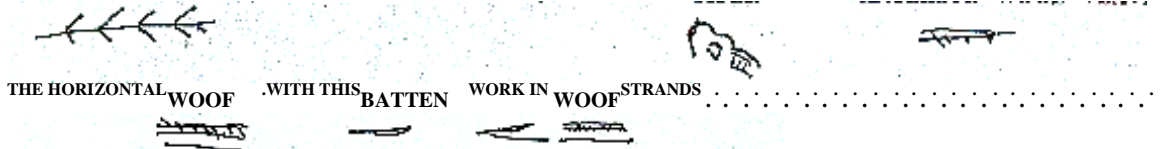
..[VOCABULARY] antelope, batten, bracelet, breast, collar, fiber, flax, foot, hair, nose, ply [verb], spins [verb], spinster, strands, rett [verb- rett the flax], thigh, weave [verb], weaver, wool [noun- the horizontal fibers], wool,



[FORMAT] . La Grotte D'Isturitz, France, Magdalenian .

The symbol on the lady's thigh and on the batten are identical. It's found on many other batters found at Magdalenian, Bolling sites throughout Europe

.FLAX IS COLLECTED ? RETTED, HACKLED, COMBED ? TO MAKE FIBER WITH ANTELOPE WOOL VEAVE

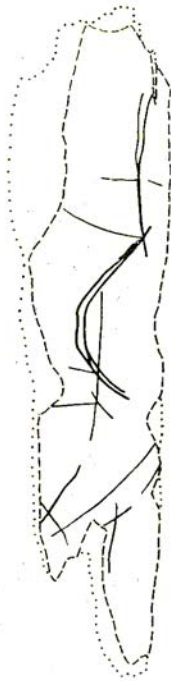


# -5-3-Textile *Fishing Lines.*

-3- FISHING LINES, and Goose-Catchet's WHIP-BOLO

[FORMAT] . *Magdalenian*, (Gönnersdorf 28a and 28b) ----- The corders collect wind-spin wool; and accumulate long horse? Tail and Mane hair with which to make cord. This may be a cording tool. The weaver also uses long strong threads for vertical threads of the warp. The long-cord across the GEOGRAPHIC suggests lines were used for fishing.

[TRANSLATION]



START@TOP . OF FOUR ?--BEASTS HORSES.? . THE LONG HAIR

FIBERS . MANE-HAIR.? IF THEY ARE HORSES  
CUT AND BUNDLE

*Geographic.* .ANIMAL TRAIL . RIVER RHINE  
.ANIMAL FORD

PERSON . SPINS-----PLYS-----CORDS .THE LONG FIBERS .

.FOR .LOOM FOR .WEAVER

[VOCABULARY] beast [understood-noun probably horses], bundle [verb-], cut [verb- cut the hair], ford [noun- across river], GEOGRAPHIC [river, terrace, trail], horse [understood-noun], long (hair) [adjective- long manes and tails of horses], mane [noun- horse's mane], loom [noun- weavers loom], person [noun], ply [verb- ply fibers into thread, threads into cord, cords into ropes], spin [verb], START, tail [noun- horse's tail], trail [noun], warp [noun-], weaver [noun-],



# **-5-** *Textile Distaff* **-4-** DISTAFF[about which to gather wool, &from which to spin thread]

[**FORMAT**] . *Cueva de Altexerri, Spain*. Allerød II 9500 to 9,450 BC This is highly pictorial. The **Major Cardinal**. Is a Spinster The **Secondary Cardinal**. is a heap of fibers shaped as a bovine. Within it are symbols detailing Activities associated with spinning.

The **Minor Cardinals**: an Antelope, its Faun, a Buffalo Cow, Buffalo Bull and Horse  
**Lead-Lane & Lead-Line**. Her Activities lead to many products; the most important is twill and quilting. Her activities lead to her collecting fibers; from many creatures from which she produced intermediate textile products.  
An **Activities Radiant**. Extends from the spinster/weaver into textile Heap.

[**TRANSLATION**] [she] **Spinster** [Major Cardinal past tense as fibers are all piled-up, note could be female or male] **who largely works with buffalo hair and wool** [ possessive “her” head is in one buffalo, “her” body crosses the buffalo-shaped pile of fibers Secondary Cardinal: .the partial buffalo under the pile] **spins long threads** [verbal lead-line.horizontal across body of buffalo-shaped pile of fabrics].

“She” gathers [symbol for gathering wool and hair onto distaff] **fibers** [ pluralized both wool and hair are used symbol for wool] **and hair**[symbol for hair] **upon distaff** [symbol for the distaff used by “her” for verbal cording . “She” favors long hairs of buffalos that hang-down [ adjectival symbolized by lead-line extension to chest and belly of pile of fibers and wool set upon minor, and partial cardinal of nouns legs and belly of buffalo set under the pile of fibers] **from their chests and bellies** “She” spins hair [symbol for hair] **and wool** [symbol for wool] **into long** [ adjective for long is symbolized by length following, and linked to vee-like, twist sign for spinning fiber into thread.] **threads** [symbol (please see dictionary for symbols) link-line to twist symbol for hand-spinning which doubles as buffalo’s tail] **from her [a, the,using] distaff.**

“She” makes yarn, makes twine [ verbal & noun symbol for using threads to make yarn and/or twine with secondary more emphatic twist (spinning sign) symbol for thread symbol for making yarn or twine symbol for yarn or twine.]

“She” quilts [ verbal & noun symbol for quilt-and-quilting] **uses soft wool of antelope** [noun symbol for soft-wool across belly and chest of antelope] **of antelope and soft wool of faun** [noun symbol for soft-wool across belly and chest of faun] . **and “She” makes soft (it’s nice and warm) yarn** [noun symbol for spinning and twining thin and/or thick plied multistrand yarns]

“She” with long tail hairs of horse? Of buffalos [ noun symbol for long hairs verb symbol for cutting tails and tail hairs] [ nouns minor cardinals for horse? Antelope, Faun, Buffalo(bison) ]

[**VOCABULARY**] antelope, buffalo, cord [noun], distaff, faun, favors [she favors], felt, fiber, gathers [verb- collects, plucks, gathers-wool, gathers wind-spin wool from bushes and rocks], hair [of: horse, antelope, bison], hangs-down [adjective- the bovine’s long hair hangs down], long [adjective-long hair, she spins long threads], ply [verb- ply the strands of wool into a thick yarn], quilting, make [verb- spin, ply], mane-hair, she, soft [adjective- soft antelope wool], spin [verb], tail-hair, thread, twill, twine [noun], uses [verb], weave, wool, yarn,

