

Luuanalyysi 15.1.1997 Pirkko Ukkonen

Materiaali oli suhteellisen hyvin säilynyttä. Aineistosta määritettiin yhteensä 456 fragmenttia, jotka jakautuivat seuraavasti:

Laji	Fr.	MIND*
Canidae cf. Vulpes (kettu ?)	1	1
Martes martes (näätä)	1	1
Phocidae (hylkeet)	295	7
Castor fiber (majava)	2	1
Mammalia cf. Castor (majava ?)	1	-
Lepus timidus (metsäjänis)	15	1
Mammalia (mesom.) (keskisuuret nisäkkäät)	126	-
Anas crecca (tavi)	1	1
Aves cf. Anas crecca (tavi ?)	2	-
Esox lucius (hauki)	2	1
Teleostei (kalat)	10	-

\*MIND = vähimmäisyksilömäärä

Aineisto koostui lähes yksinomaan hylkeiden luista. Hylkeitä ei ole määritetty lajilleen, mutta todennäköisesti on kyse norpasta. Esihistoriallisissa aineistoissa yleisestä majavasta löytyi vain kaksi luukatkelmaa. Toisaalta jäniksen luita oli normaalia enemmän. Tässä mielessä aineisto muistuttaa hyvin paljon Vantaan Stenkullan vuoden 1996 kaivausaineistoa.

Suurin osa hylkeen luista oli peräisin kallosta ja raajojen alaosasta. Raajojen pitkiä luita oli huomattavan vähän. Toisaalta mukana oli myös selkänikamien ja kylkiluiden kappaleita.

Lintujen ja kalojen luita oli vähän.

Pirkko Ukkonen

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\* = vähimmäisyksilömäärän (MIND) laskemiseen soveltuva fragmentti

2	1	phal. 2 prox. fr.	Phocidae
8	-		
20	1	phal. 2 dist. fr.	Phocidae
26	1	costa fr.	Mammalia (Mesom.)
34	1	femur sin. dist. epiph.*	Lepus timidus
	1	ulna sin., inc. sem. (dist.)*	Martes martes
	1	cranium, squamosum dex. fr.*	Phocidae
	2	cranium, bulla tympani fr.	"
	1	fibula sin. dist. epiph. fr.	"
	1	os sesamoideus	"
	1	mc II dex. dist. epiph.*	"
	1	mt II dex. dist. epiph.*	"
	3	phal. 1 prox. fr.	"
	1	phal. 1 dist. fr.	"
	1	phal. 3 prox. fr.	"
	1	vertebra, proc. art.	Mammalia (Mesom.)
	2	vertebra, corpus vert. fr.	"
	3	costa fr.	"
49	-		
58	-		
86	-		
99	-		

106	1	mesocuneiforme dex.*	Canidae cf. Vulpes
	1	cranium, cond. occ. dex. fr.*	Phocidae
	1	cranium, bulla tymp. sin. fr.	"
	1	mandibula dex., capit. mand.*	"
	1	radius sin. dist. fr.	"
	1	mc I sin. prox. epiph. fr.*	"
	1	mc I dex. dist. fr.*	"
	1	mc dist. epiph.	"
	1	mt II sin. prox. fr.*	"
	1	phal. 2 prox. fr.	"
	1	phal. 2 excl. prox. epiph.	"
	1	phal. 1/2 dist. fr.	"
	1	phal. 3 prox. epiph.	"
	1	phal. 3 fr.	"
	1	vertebra, proc. art.	Mammalia (Mesom.)
	5	costa fr.	"
	1	radius sin. dist. fr.*	Aves cf. Anas crecca
	1	vertebra fr.	Teleostei
111	1	tibia sin. dist. epiph. fr.* + (kappale, jossa leikkujälki)	Phocidae
118	1	phal. 1 prox. fr.	Phocidae
	1	vertebra, proc. art.	Mammalia (Mesom.)
123	1	cranium, bulla tymp. fr.	Phocidae
	1	vertebra, proc. art.	Mammalia (Mesom.)
	1	costa fr.	"
134	1	phal. 2	Phocidae
140	1	pelvis, acetabulum dex. fr.	Phocidae
	1	costa fr.	Mammalia (Mesom.)
150	-		
159	1	radius dex. prox. fr.*	Phocidae
	1	phal. 2 prox. fr.	"
	1	ulna sin. diaph. fr.	Castor fiber
	1	vertebra, corpus vert. fr.	Mammalia (Mesom.)
	2	vertebra, proc. art.	"
	1	vertebra fr.	Teleostei
164	1	phal. 2 dist. fr.	Phocidae
	1	scapula dex. prox. fr.	Aves cf. Anas crecca

176	1	femur dex. dist. fr. (ext.)*	Lepus timidus
	1	tibia dex. prox. fr. (int.)*	"
	1	cranium, cond. occ. sin.*	Phocidae
	1	cranium, cond. occ. dex. fr.*	"
	1	cranium, bulla tymp. dex. fr.	"
	7	cranium, bulla tymp. fr.	"
	1	cranium, squamosum sin. fr.*	"
	1	cranium, squamosum dex. fr.*	"
	1	mandibula sin. fr.	"
	1	mandibula sin./dex. fr.	"
	1	axis, dens*	"
	1	pelvis, acetabulum sin. fr.	"
	1	femur sin. dist. fr. (ext.)*	"
	2	radius dex. prox. fr.	"
	1	tibia dex. dist. epiph. fr.	"
	1	cuneiforme dex.*	"
	1	unciforme sin.*	"
	1	pisiforme sin.*	"
	1	ectocuneiforme dex. fr.	"
	1	entocuneiforme dex. fr.	"
	2	entocuneiforme sin. fr.	"
	1	calcaneum dex. fr.	"
	1	naviculare dex. fr.	"
	1	mc II dex. dist. fr.*	"
	1	mc III dex.*	"
	1	mc III dex. dist. fr.*	"
	1	mc IV dex. dist. epiph.*	"
	1	mt III sin. dist. fr.*	"
	1	mt IV dex. prox. fr.*	"
	5	phal. 1 prox. fr.	"
	2	phal. 1 dist. fr.	"
	3	phal. 2 dist. fr.	"
	1	phal. 1/2 diaph.	"
	1	phal. 3 prox. fr.	"
	1	vertebra caudalis	"
	1	vertebra, proc. art.	Mammalia (Mesom.)
	5	vertebra, corpus vert. fr.	"
	10	costa fr.	"
181	2	cranium, bulla tymp. fr.	Phocidae
	1	naviculare sin. fr.	"
	1	phal. 1 dist. fr.	"
186	1	mt I dex. dist. fr.*	Phocidae
	1	phal. 3 fr.	"
	1	costa fr.	Mammalia (Mesom.)
192	1	cranium, cond. occ. sin.*	Phocidae
	1	naviculare dex. fr.	"

208	1	cranium, meat. aud. ext. sin.*	Phocidae
	1	cranium, bulla tymp. fr.	"
	1	mandibula sin. fr.	"
	1	scapula dex., cavit. glen. fr.	"
	1	trapezoideum dex.*	"
	1	naviculare sin. fr.	"
	1	naviculare dex. fr.	"
	1	phal. 2 dist. fr.	"
	1	phal. 3	"
	1	vertebra, corpus vert. fr.	Mammalia (mesom.)
	1	costa fr.	"
214	1	cranium, cond. occ. sin./dex. fr.	Phocidae
217	-		
226	-		
234	1	cranium, squamosum sin./dex. fr.	Phocidae
	1	phal. 2	"
244	-		
247	-		
251	1	ulna dex., inc. sem. fr.	Phocidae
267	1	tibia sin. dist. fr. (tot.)*	Lepus timidus
	1	cranium, cond. occ. dex.*	Phocidae
	1	cranium, bulla tymp. sin. fr.	"
	1	cranium, bulla tymp. fr.	"
	1	mc IV dex. prox. fr.*	"
	1	mt II dex. dist. epiph.*	"
	2	phal. 1 dist. fr.	"
	2	phal. 2 dist. fr.	"
	1	vertebra, proc. art.	Mammalia (Mesom.)
	2	costa fr.	"
273	-		
279	-		
282	-		
288	-		
298	1	phal. 2 prox. fr.	Phocidae
302	1	cranium, squamosum sin.*	Phocidae
	4	cranium, bulla tymp. fr.	"



309	1	cranium, squamosum dex. fr.*	Phocidae
	1	femur, caput femoris sin./dex.	"
	1	mt I sin. dist. fr.*	"
	1	costa fr.	Mammalia (Mesom.)
316	1	calcaneum dex. dist. fr.	Lepus timidus
	1	cranium, squamosum sin. fr.*	Phocidae
	1	cranium, maxillare sin. fr.*	"
	1	cranium, praemaxillare dex. fr.*	"
	1	mt dist fr.	"
	1	phal. 1 prox. epiph.	"
324	-		
332	1	cranium, meat. aud. ext. dex.*	Phocidae
	3	cranium, bulla tymp. fr.	"
	1	ulna dex., inc. sem. fr. (dist.)*	"
	2	tibia dex. dist. fr.	"
	1	mt V sin. prox. fr.*	"
	2	phal. 1 dist. fr.	"
	1	phal. 2 prox. fr.	"
	2	costa fr.	Mammalia (Mesom.)
345	1	cranium, cond. occ. sin.*	Phocidae
	1	pelvis, acetabulum sin./dex. fr.	"
	1	fibula dex. dist. fr.*	"
	1	mc III sin. dist. fr.*	"
	1	phal. 1	"
	3	costa fr.	Mammalia (Mesom.)
355	1	cranium, squamosum dex. fr.*	Phocidae
	1	mt I sin. dist. fr.*	"
364	1	mt dist. fr.	Lepus timidus
	1	costa fr.	"
	1	cranium, squamosum sin. fr.*	Phocidae
	1	cranium, bulla tymp. fr.	"
	1	mt II dex. prox. fr.	"
	1	mt III dex. dist. epiph.*	"
	1	phal. 1 dist. fr.	"
	2	phal. 3	"
	1	costa fr.	Mammalia (Mesom.)
380	1	mt I sin. prox. fr.*	Phocidae
	2	costa fr.	Mammalia (Mesom.)

394	1	femur dex. dist. fr. (int.)*	Lepus timidus
	1	cranium, bulla tymp. sin. fr.	Phocidae
	1	cranium, bulla tymp. fr.	"
	1	axis, dens*	"
	1	ulna dex. dist. epiph.*	"
	1	patella fr.	"
	1	cuneiforme dex. fr.*	"
	1	mc I sin. prox. fr.*	"
	1	phal. 1 prox. fr.	"
	7	phal. 1 dist. fr.	"
	1	phal. 2 prox. fr.	"
	1	phal. 3	"
	1	phal. 3 prox. fr.	"
	2	phal. 3 dist. fr.	"
	3	vertebra, proc. art.	Mammalia (Mesom.)
	8	costa fr.	"
399	1	phal. 1 dist. fr.	Lepus timidus
	1	cranium, cond. occ. dex.*	Phocidae
	2	cranium, bulla tymp. fr.	"
	1	radius dex. diaph. fr.*	"
	1	scapho-lunare dex. fr.	"
	1	calcaneum sin. fr.	"
	1	mc I sin. prox. fr.*	"
	1	mt I sin. prox. fr.*	"
	1	mt I sin. dist. fr.*	"
	1	mt II sin. dist. fr.*	"
	1	mt IV sin. dist. fr.*	"
	1	phal. 1 prox. fr.	"
	1	phal. 1 dist. fr.	"
	2	phal. 3 fr.	"
	1	vertebra, corpus vert. fr.	Mammalia (Mesom.)
	3	vertebra, proc. art.	"
	1	costa fr.	"
	1	coracoideum dex. dist. fr.*	Anas crecca
	1	vertebra fr.	Teleostei
412	1	fibula dex. dist. fr.*	Castor fiber
	1	naviculare dex.*	Lepus timidus
	1	cranium, cond. occ. sin./dex. fr.	Phocidae
	1	cranium, squamosum sin. fr.	"
	1	cranium, bulla tymp. fr.	"
	1	radius sin. prox. fr.*	"
	1	ectocuneiforme dex.*	"
	1	mt dist. fr.	"
	1	phal. 2 prox. fr.	"
	3	vertebra, proc. art.	Mammalia (Mesom.)
	3	costa fr.	"

417	1	cranium, bulla tymp. fr.	Phocidae
	1	humerus sin. dist. fr.	"
	1	entocuneiforme dex. fr.	"
	1	mt I sin. diaph. fr.	"
	1	mt IV sin. dist. fr.*	"
	1	phal. 1/2 diaph. fr.	"
	2	costa fr.	Mammalia (Mesom.)
425	2	cranium, bulla tymp. fr.	Phocidae
	2	mandibula sin./dex. fr.	"
	1	radius dex. prox. fr.*	"
	1	mc dist. epiph.	"
	1	mt II sin. dist. fr.*	"
	1	phal. 1 prox. epiph.	"
	2	phal. 1 dist. fr.	"
	1	phal. 2 prox. fr.	"
	1	phal. 2 dist. fr.	"
	4	costa fr.	Mammalia (Mesom.)
	2	vertebra fr.	Teleostei
429	1	mandibula sin., capit. mand.*	Phocidae
	1	mt V sin. dist. fr.*	"
438	1	cranium, squamosum sin.*	Phocidae
	1	cranium, squamosum sin./dex. fr.	"
	4	cranium, bulla tymp. fr.	"
	1	axis, dens*	"
	1	mt II sin. diaph. fr.	"
	1	mt III dex. prox. fr.*	"
	1	phal. 1 prox. epiph.	"
	1	phal. 2 dist. fr.	"
	1	phal. 3 fr.	"
	1	vertebra, proc. art. fr.	Mammalia (Mesom.)
	3	costa fr.	"
444	1	cranium, bulla tymp. fr.	Phocidae
	1	phal. 1 dist. fr.	"
446	1	tibia dex. dist. fr.	Phocidae
453	1	phal. 1 prox. fr.	Phocidae
	1	phal. 2 prox. fr.	"
	1	costa fr.	Mammalia (Mesom.)
455	-		
461	1	vertebra fr.	Mammalia (Mesom.)



465	2	cranium, bulla tymp. fr.	Phocidae
	1	phal. 1	"
	1	phal. 1 prox. epiph.	"
	1	costa fr.	Mammalia (Mesom.)
471	1	phal. 3 prox. fr.	Phocidae
	2	costa fr.	Mammalia (Mesom.)
478	1	phal. 1 dist. fr.	Lepus timidus
	1	cranium, squamosum sin. fr.*	Phocidae
	1	cranium, bulla tymp. sin. fr.	"
	1	radius sin./dex. prox. fr.	"
	1	phal. 1 prox. fr.	"
	4	costa fr.	Mammalia (Mesom.)
483	1	radius sin. dist. fr.*	Phocidae
	1	unciforme dex.*	"
	1	cuneiforme dex. fr.*	"
	1	phal. 3 fr.	"
	1	costa fr.	Mammalia (Mesom.)
	1	dentale fr.	Esox lucius
	1	vertebra fr.	Teleostei
491	1	cranium, meat. aud. ext. sin./dex.	Phocidae
	1	tibia sin. dist. fr.	"
	1	calcaneum sin./dex. fr.	"
	1	mt III sin. dist. fr.*	"
	1	phal. 1 prox. epiph.	"
	1	phal. 1 excl. prox. epiph.	"
	1	phal. 2 prox. fr.	"
	2	phal. 2 dist. fr.	"
	1	vertebra fr.	Mammalia (Mesom.)
	5	vertebra, proc. art.	"
	8	costa fr.	"
	1	dentale, dens	Esox lucius
	1	vertebra, fr.	Teleostei
497	1	phal. 1 dist. fr.	Phocidae
	1	phal. 3 prox. fr.	"
	2	costa fr.	Mammalia (Mesom.)
	1	vertebra fr.	Teleostei

502	1	mc dist. fr.	Lepus timidus
	1	cranium, bulla tymp. fr.	Phocidae
	1	axis, dens*	"
	1	tibia dex. prox. fr.*	"
	1	mc III sin. prox. fr.*	"
	1	mc III sin. excl. dist. epiph.	"
	1	mt dist. fr.	"
	1	phal. 1 prox. epiph.	"
	1	phal. 1 dist. fr.	"
	1	phal. 3	"
	1	vertebra, corpus vert. epiph.	Mammalia (Mesom.)
	1	vertebra, corpus vert. fr.	"
	2	vertebra, proc. art.	"
	2	costa fr.	"
	1	vertebra fr.	Teleostei
505	1	cranium, bulla tymp. fr.	Phocidae
	1	costa fr.	Mammalia (Mesom.)
513	1	cranium, squamosum sin. fr.*	Phocidae
	1	mc II dex. prox. fr.*	"
	1	mc II dex. dist. fr.*	"
518	1	mandibula dex., capit. mand. fr.*	Phocidae
	2	pelvis, acetabulum sin./dex. fr.	"
	1	entocuneiforme sin. fr.	"
	2	phal. 2 prox. fr.	"
	1	vertebra, corpus vert. fr.	Mammalia (Mesom.)
	1	vertebra caud., corp. vert. ep.	"
	1	vertebra caudalis fr.	"
	3	costa fr.	"
521	1	costa fr.	Mammalia (Mesom.)
527	1	mc dist. fr.	Lepus timidus
	1	phal. 1 prox. fr.	"
	1	phal. 3	Phocidae
529	1	cranium, squamosum dex. fr.*	Phocidae
	1	mt I dex. prox. fr.*	"
	1	mt I dex. dist. fr.*	"
	1	phal. 1 prox. fr.	"
	1	phal. 1/2 dist. fr.	"
	1	phal. 3	"
	1	vertebra fr.	Teleostei
534	1	cranium, cond. occ. sin.*	Phocidae
	1	mt I dex. prox. fr.	"
	1	phal. 1 prox. fr.	"
541	1	mt II dex. prox. fr.*	Phocidae

546	1	phal. 1 dist. fr.	Lepus timidus
	1	fibula sin. dist. fr.*	Phocidae
	2	phal. 1/2 dist. fr.	"
	1	costa fr.	Mammalia (Mesom.)
553	1	phal. 1 excl. prox. epiph.	Phocidae
	1	costa fr.	Mammalia (Mesom.)
555	-		
558	1	costa prox. fr.	Mammalia cf. Castor
564	1	mt V sin. dist. fr.*	Phocidae
	1	phal. 1 prox. fr.	"
	1	phal. 2	"
	1	phal. 2 dist. fr.	"
	1	phal. 3 dist. fr.	"
	1	costa fr.	Mammalia (Mesom.)