

Luuanalyysi 6.8.1991 Pirkko Ukkonen

Materiaali oli suhteelliset hyvin säilynyttä. Aineistosta määritettiin yhteensä 313 fragmenttia, joista valtaosa oli hylkeen - todennäköisimmin norpan - luita. Aikaisempiin aineistoihin (24925,22398) verrattuna lajisto oli runsaampi. Lajijakauma oli seuraava:

Phocidae sp.	202
juv. 12 fr.	
Castor fiber	36
Phocidae/Castor fiber	1
Rangifer tarandus	2
Alces alces	7
Cervidae sp.	1
Vulpes vulpes ?	1
Mammalia sp.	54
tuntematon laji (kynsiluu)	1
Teleostei sp.	8
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yht.	303 fr.

Juveniilien yksilöiden luufragmentit on määritetty vain epifyysien irrallisuuden perusteella. Merkintä juv. tarkoittaa siten kasvuiässä olevaa, muttei välttämättä immatuuria yksilöä (tietoja epifyysien luutumisiästä ei ollut käytettävissä). Määrittämätön kynsiluu kuuluu todennäköisesti pienelle nisäkkäälle, mutta kyseeseen voi tulla myös lintu. Selkänikamat ja kylkiluut on määritetty säännönmukaisesti tasolle Mammalia sp./Teleostei sp., vaikka "arvaus" lajista olisikin joissakin tapauksissa ollut mahdollinen.

Laatikko nro 1544 sisälsi kvartssia.

Terveisin

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SIMO TAINIARO 1990

KM 25797

Lukumäärät merkitty vain jos kappaleita on useampi kuin yksi.

KMA

kpl

24	TELEOSTEI SP.	vertebra fr.	
31	PHOCIDAE SP.	humerus dex. dist. fr.	
31	PHOCIDAE SP.	astragalus dex. fr.	
31	PHOCIDAE SP.	pelvis sin. acetabulum fr.	
31	PHOCIDAE SP.	phal. 2	
31	MAMMALIA SP.	vertebra fr.	2
31	TELEOSTEI SP.	vertebra fr.	
41	PHOCIDAE SP.	tibia sin. dist. fr.	
41	PHOCIDAE SP.	phal. 1/2 dist. fr.	
41	CASTOR FIBER	mt V dex. prox. fr.	
41	MAMMALIA SP.	pelvis acetabulum fr.	
41	MAMMALIA SP.	vertebra corpus vertebrae fr.	
46	PHOCIDAE SP.	mt IV dex. prox. fr.	
49	PHOCIDAE SP.	naviculare sin.	
74	MAMMALIA SP.	costa fr.	
105	PHOCIDAE SP.	ulna dex. diaph. fr.	
112	CASTOR FIBER	phal. 1	
112	MAMMALIA SP.	costa prox. fr.	
116	MAMMALIA SP.	vertebra corpus vertebrae fr.	
132	CASTOR FIBER	fibula sin. dist. fr.	
144	PHOCIDAE SP.	mt III sin. prox. fr.	
144	PHOCIDAE SP.	astragalus dex. fr.	
144	MAMMALIA SP.	costa fr.	
151	PHOCIDAE SP.	phal. 1/2 dist. fr.	
151	MAMMALIA SP.	vertebra proc. art.	
154	MAMMALIA SP.	vertebra proc. art.	
154	MAMMALIA SP.	costa fr.	
157	PHOCIDAE SP.	mt V dex. prox. fr.	
157	MAMMALIA SP.	costa fr.	
171	MAMMALIA SP.	vertebra corpus vertebrae fr.	

182	PHOCIDAE SP.	calcaneum sin. fr.
191	CASTOR FIBER	phal. 1 prox. fr.
191	RANGIFER TARANDUS	phal. (tarsi) (III/IV) 1 prox. fr.
191	ALCES ALCES	phal. carpi (II/V) 1 prox. fr.
191	CERVIDAE SP.	phal. (III/IV) prox. fr.
195	RANGIFER TARANDUS	phal. (III/IV)1 prox. fr.
195	ALCES ALCES	phal. (III/IV)1 dist. fr.
195	ALCES ALCES	phal. (III/IV)2 prox. fr.
195	ALCES ALCES	phal. carpi (II/V)1 dist. fr.
195	PHOCIDAE SP.	scapula dex. proc. coracoideus
218	ALCES ALCES	os sesamoideus
222	ALCES ALCES	os sesamoideus
223	ALCES ALCES	os sesamoideus fr.
244	PHOCIDAE SP.	phal. 3
249	PHOCIDAE SP.	mc II dex. prox. fr.
275	PHOCIDAE SP.	tibia sin. dist. fr.
275	PHOCIDAE SP.	mt V dex. prox. fr.
275	PHOCIDAE SP.	cranium dex. fossa mandibularis
275	PHOCIDAE SP.	mandibula dex. proc. angularis
275	CASTOR FIBER	mt IV dex. prox. fr.
275	CASTOR FIBER	mesocuneiforme sin.
231	PHOCIDAE SP.	phal. 1 prox. fr.
281	PHOCIDAE SP.	cuneiforme sin. fr.
287	PHOCIDAE SP.	mc I sin. prox. fr.
287	CASTOR FIBER	cranium sin. condylus occipitalis
297	TELEOSTEI SP.	vertebra fr.
302	PHOCIDAE SP.	naviculare dex.
305	PHOCIDAE SP.	magnum sin.
312	MAMMALIA SP.	vertebra proc. art.
319	CASTOR FIBER	mt (IV) (sin) dist. fr.
319	CASTOR FIBER	mc/mt dist. fr.
319	CASTOR FIBER	mandibula sin. fr.
328	PHOCIDAE SP.	mt II sin. dist. fr.
334	PHOCIDAE SP.	mt V sin. dist. fr.
355	PHOCIDAE SP.	phal. 2 prox. fr.
382	MAMMALIA SP.	costa fr.
385	PHOCIDAE SP.	radius sin. prox. fr.
390	PHOCIDAE SP.	radius sin. prox. fr.
390	PHOCIDAE SP.	cranium maxillare fr.
390	CASTOR FIBER	radius sin. prox. fr.

399	PHOCIDAE SP.	calcaneum dex. prox. fr.
407	PHOCIDAE SP.	humerus diaph. fr.
410	PHOCIDAE SP.	ulna sin. incisura semilunaris fr.
419	PHOCIDAE SP. juv.	fibula dex. dist. epiph.
425	PHOCIDAE SP.	tibia sin. prox. fr.
439	PHOCIDAE SP.	mt I sin. dist. fr.
461	PHOCIDAE SP.	phal. 2
462	PHOCIDAE SP.	phal. 1 prox. fr.
477	PHOCIDAE SP.	phal. 1/2 diaph. fr.
499	PHOCIDAE SP.	mandibula sin. ant. fr.
500	CASTOR FIBER	ulna dex. olecranon
501	PHOCIDAE SP.	phal. 1/2 dist. fr.
515	MAMMALIA SP.	costa prox. fr.
516	CASTOR FIBER	phal. 2 prox. fr.
516	CASTOR FIBER	phal. 1/2 dist. fr.
518	MAMMALIA SP.	costa fr.
568	PHOCIDAE SP.	astragalus sin. fr.
576	PHOCIDAE SP.	mc II dex. dist. fr.
610	PHOCIDAE SP.	phal. 2 prox. fr.
620	PHOCIDAE SP.	mc V sin.
622	TELEOSTEI SP.	vertebra fr.
627	PHOCIDAE SP.	phal. 1/2 dist. fr.
627	PHOCIDAE SP.	phal. 3
627	PHOCIDAE SP.	cranium bulla tympani fr.
628	PHOCIDAE SP.	mt I sin. prox. fr.
628	PHOCIDAE SP.	mt I sin. dist. fr.
628	TELEOSTEI SP.	vertebra fr.
639	PHOCIDAE SP.	cuboideum dex.
639	PHOCIDAE SP.	phal. 1/2 diaph. fr.
648	PHOCIDAE SP.	ulna dex. incisura semilunaris
651	PHOCIDAE SP. juv.	fibula sin. dist. epiph.
669	PHOCIDAE SP.	phal. 1/2 dist. fr.
669	MAMMALIA SP.	costa fr.
671	PHOCIDAE SP. juv.	tibia dex. dist. epiph.
677	CASTOR FIBER	cranium occipitale fr.
710	PHOCIDAE SP.	phal. 1/2 dist. fr.
760	MAMMALIA SP.	costa fr.
760	TELEOSTEI SP.	vertebra fr.
774	CASTOR FIBER	ulna dex. incisura semilunaris fr.
774	MAMMALIA SP.	costa fr.

813	PHOCIDAE SP.	phal. 1 prox. fr.
821	MAMMALIA SP.	vertebra proc. art.
827	PHOCIDAE SP.	phal. 1 prox. fr.
834	PHOCIDAE SP.	mandibula dex. fr.
849	PHOCIDAE SP.	naviculare dex. fr.
849	MAMMALIA SP.	vertebra proc. art.
853	PHOCIDAE SP. juv.	radius sin. dist. epiph. fr.
853	PHOCIDAE SP.	phal. 1 prox. fr.
853	PHOCIDAE SP.	phal. 3
863	MAMMALIA SP.	vertebra caudalis corpus vertebrae
868	PHOCIDAE SP.	mc I dex. prox. fr.
868	PHOCIDAE SP.	mt II sin. dist. fr.
868	MAMMALIA SP.	vertebra proc. art.
901	PHOCIDAE SP.	phal. 1 prox. fr.
904	PHOCIDAE SP.	mandibula dex. capitulum mandibulae
907	PHOCIDAE SP. juv.	phal. 3 prox. epiph.
912	CASTOR FIBER	mt IV sin. prox. fr.
916	PHOCIDAE SP.	naviculare dex. fr.
916	PHOCIDAE SP.	phal. 1/2 dist. fr.
919	PHOCIDAE SP.	femur sin. dist. fr.
920	MAMMALIA SP.	vertebra proc. art.
922	CASTOR FIBER	ulna dex. incisura semilunaris
965	PHOCIDAE SP.	tibia sin. diaph. fr.
971	CASTOR FIBER	astragalus sin. fr.
1002	PHOCIDAE SP.	mt V sin. prox. fr.
1002	PHOCIDAE SP.	mt V sin. dist. fr.
1022	PHOCIDAE SP.	mandibula sin. proc. angularis
1039	CASTOR FIBER	ulna dex. incisura semilunaris
1054	PHOCIDAE SP.	calcaneum dex. fr.
1071	SP. INDET.	phal. 3/ext.
1071	MAMMALIA SP.	costa fr.
1109	PHOCIDAE SP.	mt V sin. dist. fr.
1112	MAMMALIA SP.	vertebra proc.art.
1118	PHOCIDAE SP.	naviculare sin. fr.
1128	PHOCIDAE SP.	femur sin. trochanter major
1142	PHOCIDAE SP.	tibia dex. prox. fr.
1144	PHOCIDAE SP.	femur sin./dex. dist. fr.
1175	MAMMALIA SP.	vertebra proc. art.
1194	PHOCIDAE SP.	phal. 1/2 dist. fr.
1196	PHOCIDAE SP.	radius dex. prox. fr.

1204	PHOCIDAE SP.	pelvis sin. ilium fr.
1245	PHOCIDAE SP.	humerus sin. dist. fr.
1270	PHOCIDAE SP.	cranium dex. bulla tympani fr.
1291	PHOCIDAE SP.	mandibula sin./dex. fr.
1306	PHOCIDAE SP.	phal. 1/2 dist. fr.
1316	PHOCIDAE SP.	mt II dex. prox. fr.
1316	PHOCIDAE SP.	phal. 2 prox. fr.
1316	PHOCIDAE SP.	phal. 2 dist. fr.
1316	MAMMALIA SP.	vertebra proc. art.
1353	PHOCIDAE SP.	femur sin. trochanter major fr.
1353	PHOCIDAE SP.	ulna dex. diaph. fr.
1353	CASTOR FIBER	mandibula sin. capitulum mandibulae
1353	MAMMALIA SP.	vertebra corpus vertebrae fr.
1364	CASTOR FIBER	costa (1) fr.
1390	PHOCIDAE SP.	cranium sin. fossa mandibularis
1393	PHOCIDAE SP.	calcaneum sin. fr.
1398	PHOCIDAE SP.	mt V dex. prox. fr.
1410	PHOCIDAE SP.	cranium bulla tympani fr.
1414	PHOCIDAE SP.	tibia-fibula sin. prox. fr.
1419	PHOCIDAE SP.	cranium sin. condylus
1468	PHOCIDAE SP.	radius sin. diaph. fr.
1468	PHOCIDAE SP.	calcaneum dex. fr.
1490	MAMMALIA SP.	costa fr.
1512	PHOCIDAE SP.	phal. 1/2 dist. fr.
1512	CASTOR FIBER	mt IV sin. prox. fr.
1512	MAMMALIA SP.	vertebra fr.
1512	MAMMALIA SP.	costa fr.
1524	PHOCIDAE SP.	radius sin./dex. prox. fr.
1524	PHOCIDAE SP.	cuboideum dex.
1524	MAMMALIA SP.	vertebra corpus vertebrae fr.
1545	PHOCIDAE SP.	fibula diaph. dist. fr.
1545	PHOCIDAE SP./CASTOR FIBER	juv. phal. 1 prox. epiph.
1567	PHOCIDAE SP.	humerus sin. tuberculum minus
1567	PHOCIDAE SP.	humerus sin. dist. fr.
1567	PHOCIDAE SP.	femur dex. dist. fr.
1567	PHOCIDAE SP.	mt V dex. dist. fr.
1574	PHOCIDAE SP.	phal. 1 dist. fr.
1577	PHOCIDAE SP. juv.	radius dex. dist. epiph. fr.
1588	PHOCIDAE SP.	cranium incus
1588	PHOCIDAE SP.	cranium bulla tympani fr.

1599	PHOCIDAE SP.	mt IV dex. dist. fr.
1615	PHOCIDAE SP.	humerus dex. dist. fr.
1615	PHOCIDAE SP.	ulna sin. incisura semilunaris
1615	PHOCIDAE SP.	naviculare sin. fr.
1615	PHOCIDAE SP.	cranium temporalis fr.
1626	PHOCIDAE SP.	radius sin. prox. fr.
1631	PHOCIDAE SP.	ulna dex. incisura semilunaris
1631	PHOCIDAE SP.	phal. 2 prox. fr.
1631	MAMMALIA SP.	vertebra caudalis
1631	MAMMALIA SP.	costa fr.
1643	PHOCIDAE SP.	femur dex. dist. fr.
1643	PHOCIDAE SP.	calcaneum dex. fr.
1643	PHOCIDAE SP. juv.	phal. 1 prox. epiph.
1657	MAMMALIA SP.	vertebra corpus vertebrae fr.
1657	MAMMALIA SP.	costa fr.
1661	PHOCIDAE SP.	femur sin. dist. fr.
1669	CASTOR FIBER	cranium maxillare fr.
1681	PHOCIDAE SP.	mc II sin. dist. fr.
1681	PHOCIDAE SP.	phal. 1 dist. fr.
1681	PHOCIDAE SP.	pelvis acetabulum fr.
1681	MAMMALIA SP.	vertebra caudalis corpus vertebrae
1681	MAMMALIA SP.	costa fr. 2
1688	PHOCIDAE SP.	femur sin./dex. caput femoris
1688	PHOCIDAE SP.	mt diaph. fr.
1688	PHOCIDAE SP.	phal. 1/2 dist. fr.
1688	VULPES VULPES ?	radius sin. prox. fr.
1688	MAMMALIA SP.	vertebra caudalis
1691	PHOCIDAE SP.	cranium bulla tympani fr.
1705	PHOCIDAE SP.	phal. 1/2 dist. fr.
1799	PHOCIDAE SP.	astragalus sin. fr.
1811	PHOCIDAE SP.	cranium bulla tympani fr.
1811	TELEOSTEI SP.	vertebra fr.
1815	PHOCIDAE SP.	humerus sin. dist. fr.
1815	PHOCIDAE SP.	mt I sin. prox. fr.
1837	MAMMALIA SP.	vertebra proc. art.
1841	MAMMALIA SP.	costa fr.
1860	MAMMALIA SP.	costa prox. fr.
1868	CASTOR FIBER	humerus sin. dist. fr.
1868	CASTOR FIBER	femur dex. trochanter major
1879	PHOCIDAE SP.	phal. 3

1924	PHOCIDAE SP.	astragalus dex. fr.
1924	PHOCIDAE SP. juv.	phal. 2 prox. epiph.
1924	CASTOR FIBER	scaphoideum sin. fr.
1924	MAMMALIA SP.	costa prox. fr.
1933	PHOCIDAE SP.	cranium bulla tympani fr.
1940	PHOCIDAE SP.	mt I sin. dist. fr.
1940	MAMMALIA SP.	vertebra caudalis
1941	PHOCIDAE SP.	femur dex. dist. fr.
1941	PHOCIDAE SP.	scapho-lunare dex.
1941	PHOCIDAE SP.	phal. 1/2 dist. fr.
1941	PHOCIDAE SP.	phal. 3
1948	PHOCIDAE SP.	pelvis sin. acetabulum fr.
1985	PHOCIDAE SP.	mt V dex. prox. fr.
1991	PHOCIDAE SP.	humerus sin. tuberculum minus
1996	CASTOR FIBER	phal. 3 prox. fr.
1996	MAMMALIA SP.	costa prox. fr.
2004	PHOCIDAE SP.	mt II sin. prox. fr.
2013	PHOCIDAE SP.	ulna dex. incisura semilunaris fr.
2061	PHOCIDAE SP.	femur dex. dist. fr.
2061	PHOCIDAE SP.	phal. 1/2 dist. fr.
2084	PHOCIDAE SP.	entocuneiforme dex.
2128	PHOCIDAE SP.	phal. 1 prox. fr.
2132	PHOCIDAE SP.	mt II sin. prox. fr.
2139	PHOCIDAE SP.	phal. 1/2 dist. fr.
2159	PHOCIDAE SP.	humerus dex. tuberculum majus fr.
2172	PHOCIDAE SP.	phal. 3
2172	CASTOR FIBER	astragalus sin. fr.
2196	PHOCIDAE SP.	ulna dex. incisura semilunaris fr.
2196	CASTOR FIBER	mandibula sin. fr.
2212	CASTOR FIBER	ulna sin. incisura semilunaris
2223	MAMMALIA SP.	vertebra fr.
2230	PHOCIDAE SP. juv.	mt II dex. dist. epiph.
2230	CASTOR FIBER	phal. 1/2 diaph.
2230	CASTOR FIBER	cranium os petrosum fr.
2234	PHOCIDAE SP.	mt II sin. prox. fr.
2234	PHOCIDAE SP.	phal. 2/3 prox. fr.
2237	PHOCIDAE SP.	tibia dex. prox. fr.
2237	PHOCIDAE SP.	mc III dex. prox. fr.
2237	PHOCIDAE SP.	pelvis sin./dex. acetabulum fr.
2253	PHOCIDAE SP.	mandibula dex. fr.



2260	PHOCIDAE SP.	mt V sin. prox. fr.	
2260	PHOCIDAE SP.	mc II dex. dist. fr.	
2260	PHOCIDAE SP.	phal. 2 dist. fr.	
2274	PHOCIDAE SP.	humerus dex. tuberculum majus fr.	
2279	PHOCIDAE SP. juv.	mt I dex. prox. epiph.	
2279	PHOCIDAE SP.	mt IV sin. dist. fr.	
2286	CASTOR FIBER	mt I sin. dist. fr.	
2288	PHOCIDAE SP.	mt I dex. dist. fr.	
2306	PHOCIDAE SP.	cranium sin. meatus auditorius ex- ternus	
2315	PHOCIDAE SP.	tibia sin. dist. fr.	
2315	PHOCIDAE SP.	cuboideum dex. fr.	
2315	PHOCIDAE SP.	mt II sin. diaph. fr.	
2315	PHOCIDAE SP.	phal. 1 prox. fr.	
2315	CASTOR FIBER	radius dex. prox. fr.	
2315	CASTOR FIBER	ulna dex. incisura semilunaris	
2319	PHOCIDAE SP.	ulna sin. dist. fr.	
2319	PHOCIDAE SP.	phal. 3 dist. fr.	
2343	PHOCIDAE SP.	ectocuneiforme dex. fr.	
2343	PHOCIDAE SP.	mt IV dex. prox. fr.	
2343	PHOCIDAE SP.	cranium temporalis fr.	
2343	MAMMALIA SP.	femur caput femoris	
2343	TELEOSTEI SP.	vertebra fr.	
2356	PHOCIDAE SP.	ulna sin. diaph. fr.	
2356	PHOCIDAE SP.	mt V sin. prox. fr.	
2356	PHOCIDAE SP.	phal. 2 prox. fr.	4
2356	PHOCIDAE SP.	phal. 1/2 dist. fr.	2
2356	PHOCIDAE SP. juv.	tibia sin. prox. fr.	
2356	MAMMALIA SP.	vertebra proc. art.	2
2356	MAMMALIA SP.	costa prox. fr.	
2369	PHOCIDAE SP.	astragalus sin. fr.	
2369	PHOCIDAE SP.	scapho-lunare sin. fr.	
2369	PHOCIDAE SP.	phal. 1/2 prox. fr.	2
2369	PHOCIDAE SP.	phal. 1/2 prox. fr.	2