

SIMO TAINIARO / Tuija Wallenius 1989

km 24925

Luuanalyysi 6.9.1990 Pirkko Ukkonen

Materiaali oli rikkoutuneempaa ja huonommin säilynyttä kuin vuoden 1984 aineisto. Hylkeet (*Phocidae* sp.) muodostivat suurimman osan tunnistetuista kappaleista. Aineiston fragmentaarisuuden vuoksi hylkeitä ei ole määritetty lajilleen. Kyseessä on todennäköisimmin norppa (*Phoca hispida*), mutta periaatteessa myös harmaahylje (*Halichoerus grypus*) ja grönlanninhylje (*Phoca groenlandica*) ovat mahdollisia.

Toisen tärkeän ryhmän muodostivat majavan (*Castor fiber*) luut. Aineisto sisälsi molemmissa ryhmissä kappaleita ruumiin kaikista osista, siis myös kallofragmentteja ja kynsiä. Hampaista ei aineistossa ollut. Löydöt muista nisäkkäistä (märehtijät - *Ruminantia* sp.; metsäjänis *Lepus timidus*) ovat niin hajanaisia, että niihin on syytä suhtautua varauksella.

Luukalojen (*Teleostei* sp.) selkänikamia ei ole yritetty määrittää lajilleen. Aineistossa oli viisi koristeltua luufragmenttia (laatikot 909, 1033, 1068, 1281, 1786).

Tieteelliset termit löytyvät Museoviraston julkaisusta Fortelius: Johdatus arkeologiseen luuanalyysiin sekä oheisesta liitteestä. Merkintä "epiph." l. epifyysi viittaa nuoreen, kasvuiässä olevaan yksilöön. Korkeampien taksonien kohdalla (esim. *Mammalia* sp.) on suluissa viittaus todennäköisimpään vaihtoehtoon.

Pirkko Ukkonen

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24925:		
14	femur dex. dist. fr.	Castor fiber
23	cranium, fossa mandibularis	Phocidae sp.
39	femur dex. dist. fr.	Phocidae sp.
53	mt II dex. dist. fr.	Phocidae sp.
57	calcaneum dex. fr.	Phocidae sp.
77	os sesamoideus	Ruminantia sp. (A. alces)
83	radius sin. diaph. fr.	Phocidae sp.
111	mt II sin. prox. fr. phal. prox. fr.	Phocidae sp. "
123	vertebra fr.	Mammalia sp.
125	calcaneum sin. fr.	Phocidae sp.
149	2 x phal. prox. fr.	Phocidae sp.
172	mt I dex. prox. fr. pelvis, acetabulum sin. fr.	Phocidae sp. "
176	mt III sin. prox. fr. cranium, maxillare fr. 3 x vertebra	Castor fiber " Teleostei sp.
177	3 x vertebra	Teleostei sp.
178	phal. prox. epiph.	Mammalia sp.
223	mt IV dex. prox. fr.	Phocidae sp.
231	phal. maxillare/mandibula fr.	Phocidae sp. Mammalia sp. (Phocidae)
283	phal. 1 prox. fr.	Phocidae sp.

285	phal. 2 calcaneum fr. ?	Phocidae sp. Ruminantia sp. ?
288	phal.	Phocidae sp.
291	maxillare/mandibula fr.	Phocidae sp.
312	phal. 1 prox. epiph. phal. dist. epiph. vertebra	Mammalia sp. (Phocidae) " " Teleostei sp.
320	mt I sin. vertebra	Phocidae sp. Teleostei sp.
323	mt I dex. dist. fr.	Phocidae sp.
343	phal. 1 prox. epiph.	Phocidae sp.
345	2 x phal. dist. fr.	Phocidae sp.
357	vertebra, proc. art.	Mammalia sp.
363	vertebra	Teleostei sp.
382	corpus vertebrae fr.	Mammalia sp.
393	femur dex. dist. fr.	Phocidae sp.
408	ulna sin., incisura semilunaris	Phocidae sp.
423	mandibula fr.	Phocidae sp.
426	phal. 3 prox. fr. phal. 1 prox. fr.	Phocidae sp. "
429	ulna sin., incisura semilunaris mt III sin. prox. fr.	Phocidae sp. "
430	mc I dex. dist. fr.	Phocidae sp.
438	mandibula sin., proc. angularis	Phocidae sp.
441	mc dist. fr.	Phocidae sp.
444	mc I dex. prox. fr. phal. dist. fr.	Phocidae sp. "

447	mt IV sin. prox. fr. mt I dex. dist. fr. phal. 1 prox. fr. phal. dist. fr. vertebra	Phocidae sp. " " " Teleostei sp.
450	humerus dex., tuberculum majus mt IV dex. prox. fr.	Phocidae sp. "
455	humerus sin. dist. fr. femur sin. dist. fr. mc II sin. prox. fr. 2 x mc/mt dist. fr. corpus vertebrae fr.	Phocidae sp. " " " Mammalia sp.
459	femur dex. dist. fr.	Phocidae sp.
460	cranium, temporalis fr.	Phocidae sp.
467	astragalus sin. fr. astragalus dex. fr.	Phocidae sp. "
472	humerus dex., tuberculum majus mt I sin. dist. fr. phal. 1 prox. epiph. 2 x vertebra	Phocidae sp. " " Teleostei sp.
475	vertebra	Teleostei sp.
479	humerus sin. dist. fr. mc I dex. prox. fr. phal. dist. fr. costa prox. fr.	Phocidae sp. " Mammalia sp. "
483	humerus dex. dist. fr. ulna sin., incisura semilunaris mt I sin. dist. fr. mt IV dex. dist. fr. mc I dex. prox. epiph. calcaneum sin. mandibula dex. fr. phal. corpus vertebrae fr.	Phocidae sp. " " " " " " Mammalia sp. (C. fiber?) Mammalia sp.
488	tibia-fibula dex. prox. epiph. mt II dex. prox. fr. mt II dex. dist. fr. mesocuneiforme dex. phal. 1 prox. fr. cranium, bulla tympani fr. phal. dist. fr. vertebra, proc. art.	Phocidae sp. " " " " " Mammalia sp. "

500	mt IV dex. prox. fr.	Phocidae sp.
505	cuboideum dex. mandibula fr.	Phocidae sp. "
508	mt I sin. prox. fr. ulna sin, incisura semilunaris	Phocidae sp. "
511	mt III dex. prox. fr. 2 x phal. dist. fr.	Phocidae sp. "
516	mt I dex. prox. fr.	Phocidae sp.
519	phal. 2	Phocidae sp.
525	phal. 2	Phocidae sp.
527	mc I sin.	Castor fiber
540	humerus dex. dist. fr.	Phocidae sp.
556	2 x mt V sin. prox. fr. mt II dex. prox. fr. phal. 2 phal. dist. fr.	Phocidae sp. " " "
557	humerus dex. dist. fr. femur dex. dist. fr. femur sin. dist. fr. scapula sin., cavitas glenoidalis phal. prox. fr. mandibula, capitulum mandibulae	Phocidae sp. " " " " "
559	mt V dex. prox. fr.	Phocidae sp.
564	pisiforme naviculare dex. fr. mc dist. fr.	Phocidae sp. " "
566	naviculare dex. fr. mt I dex. diaph. fr. ? phal. dist. fr. mandibula dex. fr.	Phocidae sp. " " "
569	phal. 2 corpus vertebrae fr.	Phocidae sp. Mammalia sp.
571	phal. phal. dist. fr.	Phocidae sp. "
575	vertebra, proc. art.	Mammalia sp.

677	mt I sin. dist. fr. mandibula fr. phal. dist. fr.	Phocidae sp. " Mammalia sp.
682	phal. dist. fr.	Phocidae sp.
687	mt V dex. prox. fr.	Castor fiber
692	phal. 1 prox. epiph. astragalus sin. fr.	Phocidae sp. Castor fiber
701	phal. dist. fr.	Phocidae sp.
711	vertebra	Teleostei sp.
744	femur dex. dist. fr. phal. dist. fr.	Phocidae sp. Mammalia sp.
751	humerus sin. dist. fr. humerus dex., tuberculum minus radius sin. dist. fr. scapula, proc. coracoideus mt III sin. mt IV dex. dist. fr. mc I dex. dist. fr. phal. 1 prox. fr. phal. 2 prox. fr. 2 x phal. dist. fr. cranium, fossa mandibularis sin. mc/mt prox. fr. ? costa prox. fr. 3 x corpus vertebrae 3 x vertebra	Phocidae sp. " " " " " " " " " " " Ruminantia sp. ? Mammalia sp. (Phocidae) " Teleostei sp.
760	radius dex. dist. fr. mesocuneiforme dex. cranium, bulla tympani fr. dentale sin. fr.	Phocidae sp. " " Esox lucius
773	phal. 1 prox. fr.	Phocidae sp.
778	phal. dist. fr. costa prox. fr.	Mammalia sp. "
781	mandibula dex., capitulum mandibulae	Phocidae sp.
788	mc V sin. dist. epiph. phal. dist. fr. mc/mt dist. fr. corpus vertebrae fr.	Phocidae sp. " Mammalia sp. (Phocidae) "

794	phal. 2 prox. fr. 2 x corpus vertebrae fr.	Phocidae sp. Mammalia sp.
796	vertebra	Teleostei sp.
800	mandibula sin., capitulum mandibulae fr. mc/mt dist. fr. corpus vertebrae fr.	Phocidae sp. Mammalia sp. "
805	humerus sin. dist. fr. naviculare sin. fr. mandibula sin., proc. angularis calcaneum dex. fr. mc II sin. dist. fr. phal. prox. epiph. phal. dist. fr.	Phocidae sp. " " Castor fiber " Mammalia sp. "
811	mt II sin. dist. fr. naviculare dex. fr. ? phal. 2	Phocidae sp. " Castor fiber
814	humerus dex. dist. fr. humerus dex., tuberculum majus 4 x phal. prox. fr.	Phocidae sp. " "
818	mt I dex. prox. fr. scapula, cavitas glenoidalis 2 x vertebra fr.	Phocidae sp. " Mammalia sp.
820	2 x vertebra	Teleostei sp.
824	phal. 3	Mammalia sp.
829	humerus sin., tuberculum majus fr. humerus dex., tuberculum majus radius dex. diaph. fr. radius sin. dist. fr. 2 x ulna dex., incisura semilunaris tibia sin. prox. fr. tibia dex. prox. fr. mc V sin. prox. fr. mc sidt. fr. mt I sin. prox. fr. mt I sin. dist. fr. ectocuneiforme sin. fr. 3 x phal. 1 prox. fr. 5 x phal. dist. fr. phal. 3 mandibula dex., proc. angularis ulna dex., incisura semilunaris 3 x vertebra fr.	Phocidae sp. " Castor fiber Mammalia sp-

832	humerus dex. dist. fr. mt V dex. prox. fr. calcaneum sin. fr. entocuneiforme sin. cranium, fossa mandibularis dex. vertebra	Phocidae sp. " " " " Teleostei sp.
838	mt IV sin. prox. fr. phal. 3 prox. fr. phal. prox. fr. phal. dist. fr. costa prox. fr. corpus vertebrae fr.	Phocidae sp. " Castor fiber Mammalia sp. " "
842	phal. 2 prox. fr.	Mammalia sp.
845	mt IV dex. prox. fr. phal. 3 cranium, maxillare fr. phal. 2 phal. 1 prox. fr.	Phocidae sp. " " Castor fiber ? Mammalia sp.
853	phal. dist. fr.	Mammalia sp.
856	mt II sin. prox. fr. naviculare sin. fr. phal. dist. fr.	Phocidae sp. " "
869	cranium, condylus occipitalis dex. vertebra	Phocidae sp. Teleostei sp.
874	humerus dex. dist. fr. femur dex., trochanter major mt I dex. dist. fr. astragalus dex. fr. ? axis, dens mt III dex. prox. fr. mt III/IV dist. epiph. 3 x phal. prox. fr. 2 x phal. dist. fr. corpus vertebrae fr.	Phocidae sp. " " " " Castor fiber " Mammalia sp. " "
876	2 x phal. prox. fr. phal. dist. fr. cranium, meatus auditorius externus	Phocidae sp. " "
880	phal. dist. epiph.	Mammalia sp.
884	2 x phal. prox. fr. phal. dist. fr. vertebra fr.	Phocidae sp. " Mammalia sp.



885	phal. dist. fr.	Phocidae sp.
888	cuboideum fr. ?	Phocidae sp.
892	ectocuneiforme sin. tibia dex. prox. fr. vertebra	Castor fiber " Teleostei sp.
899	vertebra	Teleostei sp.
907	ulna dex., olecranon	Phocidae sp.
909	koristeltu fragmentti	
910	phal. 2 phal. prox. fr.	Castor fiber Mammalia sp.
915	femur sin. dist. fr.	Phocidae sp.
923	phal. dist. fr. phal. prox fr.	Phocidae sp. "
926	mt V sin. prox. fr. femur sin. dist. fr.	Phocidae sp. "
927	phal. phal. dist. fr.	Phocidae sp. "
936	2 x femur dex. dist. fr. scapho-lunare sin. fr. ? cranium, fossa mandibularis dex. patella fr. ? vertebra fr.	Phocidae sp. " " Castor fiber ? Mammalia sp.
946	mt IV dex. prox. fr. mt IV dex. dist. fr. phal. corpus vertebrae fr.	Phocidae sp. " " Mammalia sp.
950	humerus dex., epicondylus medialis	Phocidae sp.
965	naviculare sin. fr.	Phocidae sp.
972	radius diaph. fr. vertebra caudalis	Phocidae sp. Mammalia sp.
977	mt I dex. dist. fr. vertebra	Phocidae sp. Teleostei sp.

989	calcaneum sin. fr. cranium, condylus occipitalis sin.	Phocidae sp. Castor fiber
997	naviculare fr. ?	Phocidae sp.
1009	humerus dex. dist. fr. radius dex. dist. fr. calcaneum dex. fr. vertebra fr. 2 x vertebra	Phocidae sp. " Lepus timidus ? Mammalia sp. Teleostei sp.
1015	femur sin. dist. fr. unciforme sin. mc V dex. scaphoideum dex. fr.	Phocidae sp. " Castor fiber "
1018	humerus sin., tuberculum minus 2 x mt I sin. dist. fr. mc I sin. dist. fr. phal. 3 prox. fr. phal. dist. fr. vertebra	Phocidae sp. " " " " Teleostei sp.
1025	mt II dex. prox. fr. mc II sin. prox. fr. entocuneiforme dex. anstragalus sin. fr. 3 x phal. prox. fr. mt I dex. prox. fr. ulna dex., incisura semilunaris	Phocidae sp. " " " " Castor fiber "
1029	ulna dex. dist. epiph. tibia-fibula sin. prox. epiph. fibula sin. dist. epiph. mt IV sin. prox. fr. mt V dex. prox. fr. mt II sin. dist. fr. mc dist. fr. phal. 1 mandibula fr. humerus sin. dist. fr. phal. dist. fr. phal. prox. fr. 2 x vertebra fr.	Phocidae sp. (juv.) " " " " " " " " Castor fiber Mammalia sp. (C. fiber) Mammalia sp. (Phocidae) Mammalia sp.
1033	koristeltu fragmentti	

1034	radius sin. prox. fr. mt III sin. prox. fr. mc II sin. prox. fr. ? cranium, os petrosum fr. ? 2 x phal. dist. fr. mandibula sin. fr. mandibula dex., capitulum mandibulae mc/mt dist. fr. vertebra	Phocidae sp. " " " " Castor fiber Mammalia sp. Teleostei sp.
1042	mc dist. fr. phal. 3 prox. fr. 2 x phal. dist. fr. corpus vertebrae fr. vertebra	Phocidae sp. " Mammalia sp. (Phocidae) Mammalia sp. Teleostei sp.
1048	mt III sin. prox. fr. 2 x phal. prox. fr.	Phocidae sp. Mammalia sp.
1053	phal. dist. fr. phal. 1 cranium, fossa mandibularis dex. phal. prox. fr.	Phocidae sp. " " Mammalia sp.
1058	mc dist. fr.	Phocidae sp.
1060	mandibula dex. fr.	Castor fiber
1063	ulna dex., incisura semilunaris radius sin. prox. fr. humerus sin. dist. fr.	Phocidae sp. " "
1068	koristeltu fragmentti	
1069	femur sin. dist. fr. astragalus dex. fr. calcaneum dex. fr. mt V sin. prox. fr. mt III sin. prox. fr. mt I dex. dist. fr. mt IV sin. dist. fr. 2 x mt dist. fr. phal. 1 phal. 1 prox. fr. phal. 2 phal. 3 2 x phal. dist. fr. cranium, meatus auditorius externus phal 3 2 x vertebra fr. 2 x vertebra	Phocidae sp. " " " " " " " " " " " " " " " " " " " Castor fiber Mammalia sp. Teleostei sp.

1072	phal. epiph. vertebra	Mammalia sp. Teleostei sp.
1081	mc II dex. dist. fr. vertebra fr. phal. dist. fr.	Phocidae sp. Mammalia sp. "
1086	mc II sin. prox. fr. naviculare sin. fr. ? phal. dist. fr.	Phocidae sp. " "
1089	mc/mt dist. fr. cranium temporalis dex. fr.	Phocidae sp. "
1093	humerus sin., tuberculum majus femur sin. dist. fr. mt V sin. prox. fr.	Phocidae sp. " "
1094	phal. dist. fr.	Phocidae sp.
1101	mc III dex. prox. epiph.	Phocidae sp.
1109	ulna dex., incisura semilunaris mc V sin. calcaneum sin. fr. astragalus sin. fr. 2 x mandibula dex., capitulum mandibulae dentale sin. fr.	Phocidae sp. " " " " Esox lucius
1118	humerus dex., tuberculum majus mt V dex. mt I dex. dist. fr. calcaneum sin. fr. astragalus sin. fr. cranium, meatus auditorius externus phal. 1 phal. prox. fr. phal. dist. fr. vertebra caudalis 2 x vertebra, proc. art.	Phocidae sp. " " " " " Castor fiber Mammalia sp. " "
1120	axis, dens	Phocidae sp.
1129	fibula sin. dist. fr. mt II sin. prox. fr. mc IV sin. os sesamoideus	Phocidae sp. " " Castor fiber
1132	mt I dex. dist. fr.	Phocidae sp.

1136	mt I sin. dist. fr. phal. prox. fr.	Phocidae sp. "
1143	phal. 1 costa prox. fr.	Mammalia sp. (Phocidae) "
1148	2x femur sin. dist. fr. fibula sin. dist. epiph. astragalus sin. fr. phal. 1 prox. epiph.	Phocidae sp. " " "
1154	2 x vertebra fr.	Mammalia sp.
1160	phal. 1 prox. fr. vertebra fr.	Phocidae sp. Mammalia sp.
1164	calcaneum sin. fr.	Castor fiber
1165	mt I dex. dist. fr. phal. dist. fr.	Phocidae sp. Mammalia sp.
1172	tibia-fibula prox. fr. mt I sin. dist. fr. mt IV dex. dist. fr. patella phal. 1 prox. fr.	Phocidae sp. " " " "
1175	humerus dex. fr. calcaneum dex. fr.	Phocidae sp. "
1178	ulna dex., incisura semilunaris trapezoideum sin. phal. 3 prox. fr. phal. 1 prox. fr.	Phocidae sp. " " Castor fiber
1180	humerus sin., epicondylus medialis radius prox. fr. femur sin. dist. fr. femur sin., caput femoris mt II sin. prox. fr. phal. dist. fr.	Phocidae sp. " " " " "
1186	tibia dex. dist. fr. phal. 2	Phocidae sp. "
1189	ulna dex., incisura semilunaris mt II sin. prox. fr.	Phocidae sp. "
1198	mt III sin. prox. fr. ectocuneiforme dex. fr.	Phocidae sp. "

1201	phal. prox. fr.	Phocidae sp.
1214	cranium, meatus auditorius externus	Phocidae sp.
1224	2 x humerus dex. dist. fr.	Phocidae sp.
1227	cranium, temporalis fr. vertebra	Phocidae sp. Teleostei sp.,
1240	mc III sin. prox. fr.	Phocidae sp.
1247	mc III sin. prox. fr. magnum sin. fr.	Phocidae sp. "
1250	mc II sin. prox. fr. phal. dist. fr.	Phocidae sp. Mammalia sp.
1253	humerus dex. prox. fr. humerus dex. dist. fr. mt IV dex. prox. fr.	Phocidae sp. " "
1260	ulna dex., incisura semilunaris mt V sin. prox. fr. mc V sin.	Phocidae sp. " Castor fiber
1264	humerus dex. dist. fr. humerus sin., tuberculum majus ulna dex., incisura semilunaris mt II dex. prox. fr. mesocuneiforme sin. 3 x phal. prox. fr. femur, caput femoris astragalus dex. 2 x phal. dist. fr. 2 x vertebra, proc. art.	Phocidae sp. " " " " " Castor fiber " Mammalia sp. "
1268	mt III dex. prox. fr. mt III sin. prox. fr. calcaneum sin. fr. patella 3 x phal. dist. fr. phal. prox. fr. scapula sin., cavitas glenoidalis scapula dex., cavitas glenoidalis phal. 3 dist. fr.	Phocidae sp. " " " " " Castor fiber " Mammalia sp. (C. fiber)

1274	humerus, tuberculum majus fr. mt II dex. prox. fr. mt II dex. dist. fr. mt I dex. dist. fr. astragalus sin. fr. phal. 1 prox. epiph. 3 x phal. dist. fr. cranium, meatus auditorius externus cranium, fossa mandibularis sin. palatinum fr. vertebra, proc. art.	Phocidae sp. " " " " " " " " Castor fiber Mammalia sp.
1278	ulna dex., incisura semilunaris mandibula sin., capitulum mandibulae mandibula sin. fr. cranium, temporalis fr. cranium, meatus auditorius externus	Phocidae sp. " " " "
1281	koristeltu fragmentti	
1282	humerus dist. fr. tibia sin. dist. epiph. fr. mt I sin. dist. fr. cranium, condylus occipitalis sin. cranium, fossa mandibularis dex. cranium, temporalis fr. femur, caput femoris phal. dist. fr. 2 x vertebra fr.	Phocidae sp. " " " " " Mammalia sp. " "
1285	mc III sin. radius dex. dist. epiph. mc dist. fr. phal. 1 prox. epiph. 5 x vertebra fr.	Castor fiber " Mammalia sp. " "
1287	femur dex. dist. fr. ? phal. dist. fr.	Phocidae sp. Mammalia sp.
1289	mt II sin. prox. fr.	Phocidae sp.
1298	mt II sin. prox. fr. entocuneiforme dex. phal. 1 prox. fr. phal. dist. fr. cranium, temporalis fr.	Phocidae sp. " " " "
1302	ulna dex. dist. fr. mt V dex. prox. fr. mc II sin. dist. fr.	Phocidae sp. " "

1307	mt IV sin. prox. fr. phal. 2	Phocidae sp. "
1314	femur sin. dist. fr. 2 x pelvis, acetabulum sin. fr. calcaneum sin. fr. phal. prox. fr. 3 x phal. dist. fr. femur, caput femoris vertebra	Phocidae sp. " " Mammalia sp. (Phocidae) " " Mammalia sp. (C. fiber) Teleostei sp.
1317	humerus sin. dist. fr. ulna dex. dist. epiph. mc I/II dist. fr. cuboideum dex. phal. 3 prox. fr. cranium, condylus occipitalis sin. cranium, fossa mandibularis dex. 7 x vertebra	Phocidae sp. " " " " " Teleostei sp.
1322	ulna sin., incisura semilunaris mt V sin. prox. fr. phal. fr.	Phocidae sp. " Mammalia sp.
1326	femur dex., caput femori mt V dex. prox. fr. phal. dist. fr. vertebra fr.	Phocidae sp. " " Mammalia sp.
1330	phal. dist. fr.	Phocidae sp.
1336	humerus sin. dist. fr.	Phocidae sp.
1343	scapula dex., cavitas glenoidalis	Castor fiber
1348	mt II sin. prox. fr. mt III sin. prox. fr. 2 x phal. prox. fr. vertebra caudalis	Phocidae sp. Castor fiber Mammalia sp. "
1352	mt IV dex., dist. fr. corpus vertebrae fr. vertebra	Phocidae sp. Mammalia sp. Teleostei sp.
1357	humerus sin. dist. fr. ulna dex., incisura semilunaris vertebra, proc. art. 2 x vertebra	Phocidae sp. Castor fiber Mammalia sp. Teleostei sp.
1360	os sesamoideus radius sin. dist. epiph. fr. phal. dist. fr.	Phocidae sp. Castor fiber Mammalia sp. (C. fiber)



1375	humerus, tuberculum minus humerus sin., tuberculum majus ulna sin., incisura semilunaris radius sin. prox. fr. mt IV dex. prox. fr. mt V sin. dist. fr. ulna sin. dist. epiph. vertebra fr.	Phocidae sp. " " " " " Castor fiber Mammalia sp.
1380	cuboideum sin. magnum dex. mt II dex. prox. fr. 2 x phal. prox. fr. phal. 2 2 x vertebra fr.	Phocidae sp. " " " " Mammalia sp.
1388	radius dex. diaph. fr. radius sin. prox. fr. mt I sin. dist. fr. mt IV sin. dist. fr. 2 x cranium, temporalis fr. phal. 2 prox. fr. vertebra, proc. art. vertebra	Phocidae sp. " " " " " Mammalia sp. Teleostei sp.
1391	ulna sin., incisura semilunaris astragalus dex. fr. phal. prox. epiph. vertebra thoracalis fr. costa prox. fr. phal. dist. fr.	Phocidae sp. " Mammalia sp. (C. fiber) " " " " Mammalia sp.
1398	tibia sin. prox. epiph. fr. fibula sin. dist. epiph. fr. mt II sin. prox. fr. mt IV sin. prox. fr. calcaneum dex. fr. phal. 3 cranium, jugale dex. fr. femur, caput femoris	Phocidae sp. " " " " " Castor fiber Mammalia sp. (C. fiber)
1401	mandibula sin., capitulum mandibulae phal. dist. fr.	Phocidae sp. Mammalia sp. (Phocidae)

1405	radius sin. prox. fr. magnum dex. phal. 1 prox. fr. unciforme dex. pelvis, acetabulum dex. fr. phal. 3 prox. epiph. 2 x vertebra fr. phal. dist. fr. vertebra	Phocidae sp. " " Castor fiber " Mammalia sp. (C. fiber) " " Mammalia sp. (Phocidae) Teleostei sp.
1410	mt II sin. prox. fr. mt IV sin. prox. fr. phal. prox. fr.	Phocidae sp. " "
1413	humerus dex. diaph. fr. cranium, temporalis fr.	Phocidae sp. "
1416	phal. 2 prox. fr.	Phocidae sp.
1426	patella fr.	Phocidae sp.
1429	ulna dex. diaph. fr.	Castor fiber
1433	costa prox. fr. phal. 1 prox. fr. phal. dist. fr.	Castor fiber Mammalia sp. (Phocidae) " "
1441	humerus dex. dist. fr.	Phocidae sp.
1446	astragalus dex.	Phocidae sp.
1448	mc IV dex. prox. fr. mt II sin. prox. fr. ?	Phocidae sp. "
1456	phal. 1 prox. fr	Mammalia sp.
1458	humerus dex. dist. fr. astragalus sin. fr.	Phocidae sp. "
1471	mt I sin. prox. fr 2 x phal. prox. fr. vertebra	Phocidae sp. " Teleostei sp.
1487	humerus dex., tuberculum majus mt I dex. dist. fr. mesocuneiforme sin. calcaneum dex. fr.	Phocidae sp. " " "
1492	humerus sin., tuberculum minus mc I dex. dist. fr.	Phocidae sp. "

1494	phal. 1 prox. fr.	Phocidae sp.
1497	humerus sin., tuberculum minus	Phocidae sp.
	humerus sin. dist. fr.	"
	mt II sin. prox. fr.	"
	mc dist. fr.	"
	phal. prox. fr.	"
	phal. dist. fr.	"
	cranium, fossa mandibularis sin.	"
	mt IV sin. prox. fr.	Castor fiber
	4 x vertebra	Teleostei sp.
1500	radius diaph. fr.	Phocidae sp.
	cranium, temporalis dex. fr.	"
	femur, caput femoris	Mammalia sp.
1505	2 x radius sin. diaph. fr.	Phocidae sp.
	mc sist. epiph.	"
	phal. dist. fr.	Mammalia sp. (Phocidae)
	pelvis, acetabulum sin. fr.	Mammalia sp. (C. fiber)
1509	ulna dex., incisura semilunaris	Castor fiber
1524	humerus dex., tuberculum majus	Phocidae sp.
	ulna dex. dist. fr.	"
	3 x vertebra fr.	Mammalia sp.
1526	2 x phal. dist. fr.	Phocidae sp.
	phal. prox. fr.	"
	mt I dex. prox. fr.	Castor fiber
	3 x vertebra	Teleostei sp.
1532	phal. 3	Phocidae sp.
	vertebra	Teleostei sp.
1536	phal. 3 prox. fr.	Phocidae sp.
	2 x vertebra	Teleostei sp.
1547	scapho-lunare dex. fr. ?	Phocidae sp.
	phal. dist. fr.	"
	naviculare dex. prox. fr.	Castor fiber
	clavicula dex. prox. fr.	"
	mc/mt prox. fr.??	Mammalia sp. (Mustelidae?)
1550	mc III sin. prox. fr.	Phocidae sp.
1568	scapula sin., cavitas glenoidalis	Phocidae sp.
	cuboideum dex. fr.	"
	ulna dex. dist epiph.	Castor fiber
	vertebra fr.	Mammalia sp.
	dentale sin. fr.	Esox lucius

1571	phal. dist. fr. maxillare/Mandibula fr. vertebra	Mammalia sp. (Phocidae) " " Teleostei sp.
1576	cranium, fossa mandibularis dex. phal. 1 prox. fr.	Phocidae sp. Mammalia sp. (Phocidae)
1583	mt V dex. prox. fr. vertebra	Phocidae sp. Teleostei sp.
1592	mc dist. fr. phal. dist. fr.	Phocidae sp. "
1615	costa prox. fr. corpus vertebrae fr.	Mammalia sp. "
1619	phal. 2 phal. dist. fr. os sesamoideus fr. vertebra, proc. art.	Phocidae sp. " Mammalia sp. "
1629	phal. 3 2 x phal. dist. fr	Phocidae sp. Mammalia sp.
1635	phal.	Phocidae sp.
1656	pelvis, acetabulum sin. fr. mt IV sin. prox. fr. 3 x phal. dist. fr. 2 x cranium, fossa mandibularis mt I sin. prox. fr. mc/mt dist. fr. vertebra	Phocidae sp. " " " Castor fiber Mammalia sp. Teleostei sp.
1664	corpus vertebrae fr. 4 x vertebra	Mammalia sp. Teleostei sp.
1669	tibia dex. dist. epiph. astragalus sin. fr. calcaneum dex. fr. ectocuneiforme dex. fr. phal. 3 prox. fr. 3 x phal. prox. fr. phal. dist. fr. 4 x vertebra fr. 2 x vertebra	Phocidae sp. " " " " " " Mammalia sp. Teleostei sp.
1672	radius dex. prox. fr. ulna sin., incisura semilunaris cranium, temporalis fr. vertebra	Phocidae sp. " " Teleostei sp.

1675	corpus vertebrae fr.	Mammalia sp.
1679	humerus sin. dist. fr. mt II dex. prox. fr. astragalus fr. cuboideum dex. fr. cranium, condylus occipitalis sin.	Phocidae sp. " " " "
1682	pisiforme dex. mandibula sin. proc. angularis	Phocidae sp. "
1686	ulna dex. dist. epiph. fr. mt II dex. prox. fr. ulna sin., incisura semilunaris ulna dex., incisura semilunaris phal. dist. fr. 4 x vertebra	Phocidae sp. " Castor fiber " Mammalia sp. Teleostei sp.
1690	mc/mt dist. fr.	Mammalia sp.
1691	mc/mt dist. fr. corpus vertebrae fr.	Mammalia sp. "
1694	radius sin. dist. epiph. phal. prox. fr.	Phocidae sp. "
1698	mt II dex. prox. fr. mt dist. epiph. phal. dist. fr.	Phocidae sp. " "
1702	2 x corpus vertebrae fr. 3 x vertebra	Mammalia sp. Teleostei sp.
1705	radius sin. dist. fr. mt I sin. prox. fr. cuneiforme dex. scapho-lunare sin. fr. phal. prox. fr. cranium, temporalis fr.	Phocidae sp. " " " " "
1708	mc III sin. prox. fr. ? 3 x phal. prox. epiph.	Phocidae sp. Mammalia sp.
1711	scapho-lunare fr. ?	Phocidae sp.
1716	3 x vertebra	Teleostei sp.
1719	vertebra	Teleostei sp.
1728	ulna dex., olecranon mc/mt dist. fr.	Phocidae sp. Mammalia sp.

1730	vertebra	Teleostei sp.
1735	radius sin. dist. epiph. phal. 1 prox. epiph.	Castor fiber Mammalia sp.
1742	ulna dex., incisura semilunaris	Castor fiber
1747	ulna dex., incisura semilunaris ? phal. prox. fr. phal. dist. fr.	Phocidae sp. Mammalia sp. "
1750	vertebra	Teleostei sp.
1753	mt V prox. fr. tibia sin. prox. epiph. mt II sin. prox. fr. 2 x phal. prox. fr.	Phocidae sp. Castor fiber " Mammalia sp.
1757	ulna dex., incisura semilunaris	Castor fiber
1759	cranium, os petrosum fr.	Mammalia sp. (Phocidae)
1769	phal. 1 prox. fr. cranium, temporalis fr. phal.	Phocidae sp. " Castor fiber
1773	phal. dist. fr. vertebra	Mammalia sp. (Phocidae) Teleostei sp.
1779	vertebra fr.	Mammalia sp.
1783	os sesamoideus	Phocidae sp.
1786	koristeltu fragmentti	
1787	phal. 1 prox. fr.	Phocidae sp.
1789	dentale dex. fr.	Esox lucius
1790	fibula dist. epiph. fr. 2 x vertebra fr.	Phocidae sp. Mammalia sp.
1833	mandibula dex., capitulum mandibulae	Phocidae sp.

1841	cuboideum dex.	Phocidae sp.
	mt V sin. prox. fr. ?	"
	2 x phal. 3 prox. fr.	"
	phal. 2 prox. fr.	"
	phal. dist. fr.	"
	ulna sin., olecranon	Castor fiber
	maxillare fr.	Mammalia sp.
	3 x vertebra	Teleostei sp.
1851	ulna sin., incisura semilunaris	Phocidae sp.
	ulna dex. prox. fr.	"
	mt I sin. dist. fr.	"