

20493:9/M4/2/14g  
Phocidae sp.

phalanx fragm. dist. 1

--:16/M5/2/26g  
Phocidae sp.

mc V sin. fragm. prox. 1  
phalanx fragm. dist. 1

--:21/N3/myllätty maa/5g  
Phocidae sp.

phalanx fragm. dist. 1  
phalanx ung. fragm. prox. 1  
vertebra 1

Salmonidae cf. Coregonus

--:27/N3/2/39g  
Phoca hispida  
Phocidae sp.

meatus auditorius ext. dex. sin. 1  
capitulum mandibulae dex. fragm. 1  
capitulum mandibulae sin. fragm. 1  
mt II dex. fragm. prox. 1  
metatarsale fragm. dist. 1  
phalanx int. 1  
phalanx fragm. prox. 3

--:31/N4/1/1g  
-

--:38/N4/2/79g  
Phoca cf. hispida  
Phocidae sp.

meatus audit. ext. dex. 1  
cond. occipitalis dex. 1  
fossa glenoidea sin. fragm. 1  
mc II sin. fragm. prox. 1  
trapezoideum dex. 1  
mesocuneiforme sin 1  
mt V dex. fragm. prox. 1  
metapod. fragm. dist. 1  
phalanx fragm. prox. 2  
phalanx epiph. prox. 1  
phalanx fragm. dist. 1  
phalanx ung. fragm. 2  
vertebra caudalis 1  
astragalus sin. 1  
phalanx ung. fragm. 1  
vertebra fragm. 1  
fragm. indet. 1

Lepus

Teleostei sp. indet.

--:39/N5/2/90g  
Phocidae sp.

squamosum dex. fragm. 2  
atlas fragm. 1  
scaphoideum sin. fragm. 1  
mc III sin. fragm. prox. 1  
femur dex. cond. dist. fragm. 1  
metapod. dist. fragm. 2  
phalanx int. 2  
phalanx epiph. prox. 2  
phalanx fragm. prox. 2  
phalanx fragm. dist. 3  
phalanx ung. fragm. 2  
ulna fragm. 1  
metacarpale access. 1

Mustelidae cf. Martes  
Alces alces

20493:59/N6/2/50g		
Phocidae sp.	phalanx epiph. prox.	1
	phalanx fragm. prox.	1
	phalanx fragm. dist.	1
<u>Castor</u>	phalanx ung. int.	1
Anatidae sp. (minor)	coracoideum dex. fragm.	1
-:65/N7/2/25g		
Phocidae sp.	phalanx fragm. dist.	2
	phalanx ung. fragm. prox.	1
-:81/N8/2/17g		
Phocidae sp.	mt II sin. fragm. prox.	1
	phalanx ung. fragm.	1
-:84/ / /1g		
-		
-:96/00/2/21g		
Phocidae sp.	phalanx fragm. prox.	1
	phalanx fragm. dist.	2
<u>Lepus</u>	ulna sin. fragm.	1
Cyprinidae cf. <u>Abramis</u>	spina dorsalis fragm.	1
-:102/01/1/23g		
Phocidae sp.	squamosum fragm.	1
	atlas fragm.	1
	capitulum mandibulae dex.	1
	lunare sin. fragm.	1
	phalanx fragm. prox.	1
	phalanx fragm. dist.	3
<u>Castor</u>	ulna sin. fragm. prox.	1
<u>Esox lucius</u>	ulna sin. fragm. dist.	1
Cyprinidae sp.	vertebra	1
	vertebra	1
-:113/01/2/26g		
Phocidae sp.	phalanx fragm. dist.	2
Mustelidae cf. <u>Martes</u>	calcaneum dex. fragm.	1
<u>Sciurus vulgaris</u>	tibia dex. fragm. prox.	1
	tibia dex. fragm. dist.	1
Teleostei sp.	fragm. indet.	1
-:119/02/2/17g		
Phocidae sp.	phalanx fragm. prox.	1
	phalanx fragm. dist.	1
Teleostei sp.	articulare fragm.	1
-:120/A -:319/P6/1/1.5g		
-		
-:131/03/2/39g		
Phocidae sp.	vertebra caudalis fragm.	1
	phalanx fragm. prox.	1
	phalanx fragm. dist.	2
	phalanx ung. fragm.	2
<u>Esox lucius</u>	dentale dex. fragm.	1
Cyprinidae sp.	vertebra fragm.	1



20493:134/ / / 1g  
Phocidae sp.

--:143/04/2/70g

Phoca sp. (cf. groenlandica?)  
Phocidae sp.

Mustelidae <sup>cf.</sup> sp. Martes  
Castor

Esox lucius  
Salmonidae cf. Salmo  
Salmonidae cf. Coregonus  
Teleostei sp.

--:158/05/2/155g

Phoca cf. hispida  
~~Phocidae sp.~~

Phocidae sp.

Cervidae sp.  
Castor

Sciurus vulgaris

Lepus

Esox lucius

Salmonidae cf. Salmo  
Salmonidae cf. Coregonus  
Cyprinidae sp.

--:169/06/2/100g

Phoca cf. hispida

Phocidae sp.

phalanx ung. carpi int. 1

bulla aud. sin. fragm. 1  
bulla aud. fragm. 1  
fossa glenoidea sin. 1  
atlas fragm. 1  
patella 1  
mt V dex. fragm. 1  
phalanx fragm. prox. 2  
phalanx fragm. dist. 3  
radius sin. fragm. dist. 1  
phalanx dex. fragm. prox. 1  
ulna fragm. dist. 1  
articulare fragm. 1  
vertebra 1  
vertebra 1  
vertebra 1

meatus audit. ext. dex. fragm. 1  
bulla aud. fragm. 2  
squamosum dex. fragm. 1  
malleus int. 1  
capitulum mandibulae dex. 1  
tibia dex. epiph. dist. 1  
metapod. dist. fragm. 1  
phalanx fragm. prox. 8  
phalanx fragm. dist. 5  
phalanx ung. fragm. 2  
phalanx fragm. dist. 1  
costa fragm. 1  
ulna dex. fragm. 1  
femur sin. fragm. dist. 1  
condylus occipit. sin. 1  
femur dex. fragm. prox. 1  
tibia sin. fragm. dist. 1  
humerus dex. fragm. (trochl.) 1  
ulna sin. fragm. 1  
caput femoris 1  
metacarpale fragm. dist. 1  
vertebra fragm. 2  
densule fragm. 2  
fragm. indet. 1  
vertebra 1  
vertebra 1  
vertebra 1

meatus audit. ext. fragm. 1  
squamosum sin. fragm. 1  
cond. occipit. dex. fragm. 1  
capitulum mandibulae sin. 1  
calvaneum dex. fragm. 1  
mt V sin. fragm. prox. 1  
metapod epiph. dist. 1  
phalanx int. 1  
phalanx fragm. prox. 3  
phalanx fragm. dist. 5

cont.

20493:169 cont.

Sciurus vulgarisEsox luciusSalmonidae cf. Coregonus

Cyprinidae sp.

Teleostei sp.

tibia dex. fragm. dist.	1
vomer fragm.	1
dentale fragm.	1
vertebra fragm.	1
vertebra	1
vertebra fragm.	1
fragm. indet.	1

-:173/07/myllätty maa/2.5g

Phocidae sp.

phalanx fragm. dist.	1
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-:182/07/2/67g

Phocidae sp.

bulla audit. fragm.	3
capitulum mandibulae sin.	1
trapezoideum sin.	1
mesocuneiforme dex.	1
metapod. fragm. dist.	2
phalanx fragm. prox.	1
phalanx epiph. prox.	1
phalanx access. tarsi fragm.	1
phalanx fragm. dist.	4
phalanx (minutissima)	1
dentale sin. fragm.	2
vertebra	2
fragm. indet.	1

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Alces alcesCastorEsox luciusSalmonidae cf. Coregonus

Teleostei sp. indet.

incus dex. int.	1
squamosum fragm.	1
phalanx epiph. prox.	1
astragalus sin. int.	1
phalanx ung. int.	1
astragalus sin. fragm.	1
fragm. indet.	2

-:190<sup>0</sup>/07/1&2/28g "jätekuoppa"

Phocidae sp.

Mustelidae cf. MartesCastorLepus

Teleostei sp.

metatarsale fragm. dist.	1
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-:193/08/myllätty maa/2g

Phocidae sp.

-:202/<sup>09</sup>09/2/91gPhoca sp.

Phocidae sp.

bulla audit. fragm.	1
squamosum fragm.	5
fossa glenoidea dex.	1
fossa glenoidea sin.	1
atlas fragm.	1
mc V dex. fragm. prox.	1
metatarsale fragm. dist.	1
phalanx fragm. prox.	3
phalanx fragm. dist.	2
phalanx ung. fragm.	2
dentale fragm.	1
vertebra	21
verte	

Esox luciusSalmonidae cf. Coregonus

-:220/09/2/46g

Phocidae sp.

metacarpale epiph. dist.	1
fibula sin. fragm. dist.	1
mt II dex. fragm. prox.	1
phalanx epiph. prox.	1
phalanx fragm. dist.	4
phalanx ung. fragm. prox.	1

cont.



20493:220/09/ cont.		
cf. <u>Esox</u>	fragm. cranii indet.	1
Teleostei sp.	fragm. indet.	1
-:207/09/1/6g		
Phocidae sp.	phalanx fragm. dist.	1
-:229//010/2/6g		
Phocidae sp.	phalanx epiph. prox.	1
-:234/011/2/2g		
-		
<sup>45</sup>		
-:255/P0/2/5g		
Mustelidae cf. <u>Martes</u>	humerus sin. trochlea fragm.	1
Cyprinidae sp.	vertebra fragm.	1
-:250/P1/sekamaa/20g		
Phocidae sp.	capitulum mandibulae dex.	1
	phalanx epiph. prox.	1
	phalanx fragm. dist.	1
-:254/P1/2/6g		
Phocidae sp.	trapezoideum sin. fragm.	1
	mesocuneiforme dex.	1
	metapod. epiph. fragm. dist.	1
	phalanx epiph. prox.	1
	phalanx fragm. prox.	2
	phalanx fragm. dist.	3
	ulna sin. fragm.	1
	phalanx fragm. dist.	2
	ulna sin. fragm.	1
<u>Castor</u>		
<u>Lepus</u>		
-:265/P2/2/20g		
Phocidae sp.	phalanx fragm. prox.	1
	phalanx fragm. dist.	4
Teleostei sp.	vertebra fragm.	1
-:278/P3/2/19g		
Phocidae sp.	metatarsale epiph. dist.	1
	mesocuneiforme dex.	1
	phalanx fragm. dist.	1
-:290/P4/2/91g		
Phocidae sp.	radius sin fragm. prox.	2
	ulna sin. fragm.	1
	unciforme sin.	1
	mc IV sin. fragm. prox.	1
	mt II dex. fragm. prox.	1
	phalanx int.	3
	phalanx epiph. prox.	1
	phalanx fragm. prox.	2
	phalanx fragm. dist.	1
	phalanx ung.	3
	radius dex. fragm. dist.	1
Mustelidae cf. <u>Martes</u>	scapula fragm. sin.	1
<u>Castor</u>	tibia dex. fragm. dist.	1
<u>Sciurus vulgaris</u>	vertebra	3
Salmonidae cf. <u>Coregonus</u>	fragm. indet.	2
Teleostei sp.		

20493:316/P5/2/118g  
Phocidae sp.

trapezoideum sin. fragm.	1
mesocuneiforme dex.	1
metapod. epiph. fragm. dist.	1
phalanx epiph. prox.	1
phalanx fragm. prox.	2
phalanx fragm. dist.	3
ulna sin. fragm.	1
phalanx fragm. dist.	2
ulna sin. fragm.	1
coracoideum sin. fragm.	1
vertebra	2
vertebra fragm.	1

CastorLepus

Aves sp. (minor)  
Salmonidae cf. Coregonus  
Teleostei sp.

--:342/P6/2/102g  
Phocidae sp.

squamosum fragm.	1
capitulum mandibulae sin.	1
mc II sin. fragm. prox.	1
phalanx fragm. prox.	4
phalanx fragm. dist. <sup>prox</sup>	1
phalanx ung. fragm. <del>prox</del>	2
humerus dex. trochlea fragm.	1
ulna sin. fragm.	1
phalanx	1
phalanx fragm dist.	4
acetabulum dex. fragm.	1
astragalus dex. fragm.	1
metacarpale access. fragm. dist.	1

Castor

Mustelidae cf. Martes

Alces alces

--:356/P7/2/72g  
Phocidae sp.

radius sin. fragm. prox.	1
phalanx int.	1
phalanx fragm. prox.	2
phalanx fragm. dist.	1
phalanx ung. fragm.	3
scapula dex. fragm.	1
mt V fragm. prox.	1

Castor

--:364/P8/2/17g  
Phocidae sp.

metacarpale fragm. dist.	1
phalanx int.	1
phalanx fragm. prox.	1

--:369/P9/2/9g  
Phocidae sp.

metacarpale fragm. dist.	1
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--:377/P10/2/10g  
Phocidae sp.

mc V dex. fragm. prox.	1
metatarsale fragm. dist.	1
phalanx fragm. prox.	1

<sup>84</sup>  
--:388/P11/2/9g  
Phoca sp.

meatus audit.ext.sin. fragm.	1
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--:396/Q3/koeoja/48g  
Phocidae sp.

metapod. fragm. dist.	1
phalanx int.	1
phalanx epiph. prox.	1
phalanx fragm. prox.	1
phalanx fragm. dist.	4
phalanx ung fragm.	2

cont.



20493:396 cont.

Lepus  
Aves sp.ulna sin. fragm. 1  
tibiotarsus fragm. dist. 1

-:402/Q2/1/11g

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-:412/Q2/2/50g  
Phocidae sp.capitulum mandibulae dex. 1  
ectocuneiforme dex. fragm. 1  
phalanx int. 1  
phalanx fragm. prox. 2  
phalanx fragm. dist. 1  
phalanx ung fragm. 1  
mc IV sin. fragm. prox. 1  
dentale dex. fragm. 1  
~~Cyprinidae sp.~~ vertebra 1Castor  
Esox lucius  
Cyprinidae sp.-:418/Q1/2/38g  
Phocidae sp.ectocuneiforme sin. fragm. 1  
phalanx ung. fragm. 1  
articulare fragm. 1  
spina dorsalis fragm. 1  
vertebra fragm. 1Coregonus sp.  
Cyprinidae cf. Abramis  
Teleostei sp.-:428/Q2/2/29g  
Phocidae sp.phalanx fragm. prox. 1  
phalanx fragm. dist. 1  
acetabulum sin. fragm. 1  
caput femoris sin. fragm. 1  
spina dorsalis fragm. 1LepusCyprinidae cf. Abramis-:433/Q1/myllätty maa/22g  
Phocidae sp.vertebra caudalis 1  
phalanx fragm. prox. 1  
phalanx fragm. dist. 1  
phalanx int. (minutus) 1  
astragalus sin. 1cf. Castor  
cf. Sciurus-:444/Q3/2/29g  
Phocidae sp.Lepus  
Aves sp.?phalanx fragm. prox. 1  
ulna fragm. 1  
fragm. indet. 1

-:447/ / /1g

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-:457/Q4/2/52g  
Phocidae sp.capitulum mandibulae dex. 1  
phalanx fragm. prox. 6  
phalanx fragm. dist. 1  
phalanx fragm. dist. 1  
maxillare fragm. post. 1  
dentale dex. fragm. 1  
vertebra 1  
vertebra fragm. 1Castor  
Esox luciusSalmonidae cf. Coregonus  
Teleostei sp.

20493:462/Q5/myllätty maa/13g	<del>mandibulae</del> <sup>capitulum</sup> mandibulae sin.	1
Phocidae sp.	phalanx fragm.	1
cf. Phocidae sp.	phalanx ung.	1
-:475/Q5/2/45g		
Phocidae sp.	lunare dex. fragm.	1
	ectocuneiforme dex. fragm.	1
	mesocuneiforme sin.	1
	phalanx fragm. dist.	1
<u>Esox lucius</u>	dens	1
-:480/Q6/myllätty maa/13g		
Phocidae sp.	incus int.	1
Teleostei sp.	fragm. indet.	1
-:495/Q6/2/28g		
Phocidae sp.	atlas fragm.	1
	metatarsale fragm. dist.	1
	phalanx epiph. prox.	2
-:506/Q7/2/25g		
Phocidae sp.	fossa glenoidea sin. fragm.	1
	metapod. fragm. dist.	1
	phalanx fragm. prox.	1
	phalanx fragm. dist.	1
<u>Esox lucius</u>	dentale fragm.	1
-510/Q8/2/1g, 515/R1/2/2g, 519/R1/2/g		
-		
-:525/R2/2/11g		
Phocidae sp.	capitulum mandibulae dex. fragm.	1
	lunare sin.	1
	phalanx fragm.	1
-:529/R3/2 <sup>1</sup> / <sub>3</sub> g		
-		
-:534/R3/2/5g		
cf. <u>Castor</u>	phalanx prox. fragm.	1
-:539/R4/1/10g		
Phocidae sp.	phalanx fragm. dist.	1
<u>Alces alces</u>	os sesamoideus tarsi	1
Teleostei sp.	fragm. indet.	1
-:543/R4/2/4g		
Phocidae sp.	phalanx int.	1
-:547/R5/myllätty maa/6g		
cf Phocidae sp.	phalanx epiph. prox.	1
<u>Castor</u>	mc V sin. fragm. prox. 2	1
-:556/R5/2/25g		
<u>Phoca hispida</u>	meatus auditorius ext. <sup>dex</sup> sin.	1
Phocidae sp.	condylus occipitalis sin. fragm.	1
	phalanx fragm. prox.	1
	phalanx epiph. prox.	1
	phalanx fragm. dist.	1
<u>Sciurus vulgaris</u>	phalanx int.	1



20493:565/R6/2/3g(??)

Phocidae sp.

bulla audit. dex. fragm	1
arcus zyg. & fossa glen. sin. fr.	1
dentale sin. fragm.	1

cf. Esox

-:570/R7/2/27g

Phocidae sp.

squamosum fragm.	1
arc.zyg. & fossa glen.dex.fr.	1
phalanx fragm. prox.	1
phalanx fragm. dist.	1

-:578/S0/2/0.5g

-

-:596/M3/ /6g

Phocidae sp.

unciforme dex.	1
mt I fragm. prox.	1
phalanx fragm, prox.	1

-:597/ / /2.5g

Phocidae sp.

phalanx fragm. dist.	1
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-:603/Q tai O/puuttuu/20g

Phocidae sp.

mt I sin. fragm. dist.	1
phalanx fragm. dist.	1
phalanx ung. fragm.	1
radius fragm. dist.	1

Anatidae sp. (minor)

-:607/P?/?/ g, 622/koekuoppa 19/2g

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-:624/koekuoppa 20/ g

Phocidae sp.

fibula dex. fragm. dist.	1
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HARJAVALTA MOTOCROSS-RATA 20493

Eri selkärangaslajien ja -ryhmien tunnistettujen kappaleiden lukumäärät jätefaunassa. Mikael Fortelius 1980

<u>Phoca hispida</u>	2	
<u>Phoca cf. hispida</u>	9	
<u>Phoca sp. (cf. groenlandica?)</u>	1	
<u>Phocidae sp. indet.</u>	310	
<u>Phocidae spp.(?) tot.</u>		322
<hr/>		
<u>Mustelidae cf. Martes</u>	8	
<u>Alces alces</u>	4	(5) <sup>+</sup>
<u>Castor (fiber)</u>	25	(27) <sup>+</sup>
<u>Sciurus vulgaris</u>	7	(8) <sup>+</sup>
<u>Lepus (timidus)</u>	16	
<u>Mammalia spp. tot.</u>		382 (386) <sup>+</sup>
<hr/>		
<u>Anatidae sp. (minor)</u>	2	
<u>Aves sp. indet.</u>	3	
<u>Aves spp. tot.</u>		5
<hr/>		
<u>Esox lucius</u>	15	(17) <sup>+</sup>
<u>Salmonidae cf. Salmo</u>	2	
<u>Salmonidae cf. Coregonus</u>	14	
<u>Cyprinidae cf. Abramis</u>	3	
<u>Cyprinidae sp. indet.</u>	6	
<u>Teleostei sp. indet.</u>	18	
<u>Teleostei spp. tot.</u>		58 (60) <sup>+</sup>
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<u>Fragm. ident. tot.</u>		445 (451) <sup>+</sup>

+ ) epävrmat mukaanluettuna



HARJAVALTA MOTOCROSS-RATA 20493

Eri selkärangaislajien ja -ryhmien suhteelliset määrät jätefaunassa.  
Mikael Fortelius 1980

<u>Phocidae</u> sp.	71.4 %	
<u>Mustelidae</u> cf. <u>Martes</u>	1.8 %	
<u>Alces alces</u>	0.9 %	
<u>Castor</u> ( <u>fiber</u> )	5.5 %	
<u>Sciurus vulgaris</u>	1.6 %	
<u>Lepus</u> ( <u>timidus</u> )	3.5 %	
<u>Mammalia</u> spp. tot.		85.6 %
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<u>Anatidae</u> sp. (minor)	0.5 %	
<u>Aves</u> spp. tot.		1.1 %
<hr/>		
<u>Esox lucius</u>	3.3 %	
<u>Salmonidae</u> cf. <u>Salmo</u>	0.4 %	
<u>Salmonidae</u> cf. <u>Coregonus</u>	3.1 %	
<u>Cyprinidae</u> cf. <u>Abramis</u>	0.7 %	
<u>Cyprinidae</u> sp. indet.	1.3 %	
<u>Teleostei</u> sp. indet.	4.0 %	
<u>Teleostei</u> spp. tot.		12.8 %
<hr/>		
		<del>99.5 %</del>
		99.5 %