

Lengths (mm) of the three largest skeletal bone elements of the leg, femur (fem), tibiotarsus (tbt) and tarsometatarsus (tmt). Each row represents one individual. The measurements are based on material from the collections of Swedish museums (see text).

	fem	tbt	tmt
ANSERIFORMES			
Anatidae			
<i>Aix sponsa</i>	39.2	60.3	33.4
<i>Aix sponsa</i>	37.3	58.6	33.5
<i>Aix sponsa</i>	39.0	61.6	34.7
<i>Aix sponsa</i>	40.9	62.0	35.3
<i>Aix sponsa</i>	40.2	64.4	35.5
<i>Alopochen aegyptiacus</i>	75.4	145.0	95.5
<i>Anas acuta</i>	43.4	74.2	41.5
<i>Anas acuta</i>	46.8	72.9	41.7
<i>Anas acuta</i>	45.1	75.0	41.8
<i>Anas acuta</i>	47.1	76.0	42.3
<i>Anas acuta</i>	45.0	76.3	42.7
<i>Anas acuta</i>	45.8	73.8	42.8
<i>Anas acuta</i>	45.5	75.2	43.1
<i>Anas clypeata</i>	41.7	68.4	38.9
<i>Anas crecca</i>	31.5	50.9	28.1
<i>Anas crecca</i>	31.5	51.4	28.6
<i>Anas crecca</i>	32.1	51.7	29.0
<i>Anas crecca</i>	33.9	52.0	29.6

<i>Anas crecca</i>	32.4	54.4	29.6
<i>Anas crecca</i>	33.1	55.1	30.0
<i>Anas crecca</i>	33.5	54.0	30.4
<i>Anas crecca</i>	32.2	54.4	30.5
<i>Anas crecca</i>	33.0	54.1	30.6
<i>Anas crecca</i>	32.8	54.9	30.6
<i>Anas penelope</i>	42.0	69.2	37.3
<i>Anas penelope</i>	41.3	67.6	37.6
<i>Anas penelope</i>	42.6	70.2	38.5
<i>Anas penelope</i>	42.7	70.9	38.6
<i>Anas penelope</i>	42.8	70.3	38.7
<i>Anas penelope</i>	41.3	69.4	39.2
<i>Anas penelope</i>	43.4	70.5	39.9
<i>Anas penelope</i>	45.8	73.3	40.9
<i>Anas penelope</i>	44.0	74.9	41.4
<i>Anas platyrhynchos</i>	43.7	69.2	38.2
<i>Anas platyrhynchos</i>	48.5	77.4	42.4
<i>Anas platyrhynchos</i>	49.0	79.2	43.9
<i>Anas platyrhynchos</i>	51.1	82.0	44.4
<i>Anas platyrhynchos</i>	50.0	80.0	44.5
<i>Anas platyrhynchos</i>	47.5	80.3	44.6
<i>Anas platyrhynchos</i>	50.1	79.1	45.0
<i>Anas platyrhynchos</i>	53.1	83.2	46.5
<i>Anas platyrhynchos</i>	53.2	85.3	47.9

<i>Anas platyrhynchos</i>	64.9	105.8	58.4
<i>Anas superciliosa</i>	47.0	73.8	40.3
<i>Anas superciliosa</i>	50.8	77.4	41.3
<i>Anas superciliosa</i>	54.0	84.3	45.5
<i>Anas superciliosa</i>	53.9	83.9	47.7
<i>Anser anser</i>	76.1	127.6	77.7
<i>Anser anser</i>	79.1	135.0	80.0
<i>Anser anser</i>	81.7	146.0	87.1
<i>Anser anser</i>	83.0	145.0	88.7
<i>Anser fabalis</i>	73.6	127.0	73.1
<i>Anser fabalis</i>	72.9	125.0	76.1
<i>Anser fabalis</i>	74.8	129.0	78.1
<i>Anser fabalis</i>	75.8	129.0	78.4
<i>Anser fabalis</i>	73.0	128.0	79.1
<i>Anser fabalis</i>	79.9	139.0	82.7
<i>Anser fabalis</i>	82.1	141.0	85.5
<i>Anser fabalis</i>	81.2	141.0	86.6
<i>Anser fabalis</i>	81.1	142.0	86.8
<i>Aythya ferina</i>	43.0	74.5	37.8
<i>Aythya ferina</i>	43.4	73.3	38.0
<i>Aythya ferina</i>	44.8	74.4	38.5
<i>Aythya ferina</i>	43.8	75.6	39.1
<i>Aythya fuligula</i>	42.5	68.2	33.3
<i>Aythya fuligula</i>	42.1	66.4	34.1

<i>Aythya fuligula</i>	43.5	67.9	34.3
<i>Aythya fuligula</i>	44.0	68.4	34.5
<i>Aythya fuligula</i>	42.7	68.3	34.8
<i>Aythya fuligula</i>	43.7	69.5	35.0
<i>Aythya fuligula</i>	45.9	73.9	36.3
<i>Aythya fuligula</i>	44.4	70.3	36.7
<i>Aythya marila</i>	47.3	74.2	37.8
<i>Aythya marila</i>	45.5	74.3	38.1
<i>Bucephala clangula</i>	44.6	64.2	33.9
<i>Bucephala clangula</i>	43.0	63.7	34.8
<i>Bucephala clangula</i>	43.8	63.9	35.3
<i>Bucephala clangula</i>	40.3	64.5	35.7
<i>Bucephala clangula</i>	45.1	64.9	36.4
<i>Bucephala clangula</i>	47.7	71.9	38.2
<i>Bucephala clangula</i>	50.6	73.0	39.1
<i>Bucephala clangula</i>	48.3	71.3	39.5
<i>Bucephala clangula</i>	49.3	71.3	39.5
<i>Bucephala clangula</i>	50.4	72.2	39.9
<i>Clangula hyemalis</i>	41.0	66.4	34.4
<i>Clangula hyemalis</i>	41.0	64.7	34.7
<i>Clangula hyemalis</i>	42.5	66.1	34.7
<i>Clangula hyemalis</i>	40.4	63.9	35.4
<i>Clangula hyemalis</i>	42.4	66.0	35.4
<i>Clangula hyemalis</i>	41.8	67.4	35.5

<i>Clangula hyemalis</i>	42.2	67.1	36.4
<i>Clangula hyemalis</i>	42.6	67.3	37.1
<i>Cygnus cygnus</i>	107.2	193.0	106.9
<i>Cygnus cygnus</i>	100.8	187.0	107.4
<i>Cygnus cygnus</i>	103.2	184.0	110.4
<i>Cygnus cygnus</i>	102.7	189.0	114.0
<i>Cygnus cygnus</i>	104.0	189.0	114.2
<i>Cygnus cygnus</i>	109.2	202.0	117.8
<i>Cygnus cygnus</i>	106.0	198.0	117.9
<i>Cygnus cygnus</i>	111.1	201.0	121.3
<i>Cygnus cygnus</i>	109.4	202.0	121.6
<i>Cygnus cygnus</i>	111.9	208.0	125.4
<i>Cygnus olor</i>	99.3	184.0	102.0
<i>Cygnus olor</i>	100.0	184.0	103.4
<i>Cygnus olor</i>	101.9	185.0	104.6
<i>Cygnus olor</i>	102.9	192.0	104.8
<i>Cygnus olor</i>	103.9	193.0	108.2
<i>Cygnus olor</i>	103.4	199.0	109.2
<i>Cygnus olor</i>	102.8	198.0	110.0
<i>Cygnus olor</i>	106.6	203.0	112.2
<i>Cygnus olor</i>	106.5	201.0	117.8
<i>Cygnus olor</i>	110.1	204.0	119.4
<i>Melanitta fusca</i>	52.9	88.8	46.3
<i>Melanitta fusca</i>	56.1	91.2	48.2

<i>Melanitta fusca</i>	58.3	94.2	48.5
<i>Melanitta fusca</i>	55.3	90.9	49.3
<i>Melanitta fusca</i>	56.3	90.8	49.5
<i>Melanitta fusca</i>	56.1	92.7	49.5
<i>Melanitta nigra</i>	47.7	79.1	41.1
<i>Melanitta nigra</i>	49.8	82.8	42.9
<i>Melanitta nigra</i>	49.9	82.2	45.5
<i>Melanitta nigra</i>	52.3	86.9	46.1
<i>Melanitta nigra</i>	53.2	87.1	46.7
<i>Melanitta nigra</i>	52.6	87.8	46.7
<i>Mergus merganser</i>	47.8	80.3	44.1
<i>Mergus merganser</i>	49.6	82.3	45.6
<i>Mergus merganser</i>	50.5	84.6	46.7
<i>Mergus merganser</i>	53.5	90.0	50.9
<i>Mergus merganser</i>	55.0	90.3	50.9
<i>Mergus merganser</i>	56.0	92.2	51.9
<i>Mergus merganser</i>	55.1	92.1	52.5
<i>Mergus merganser</i>	55.8	93.6	53.5
<i>Mergus merganser</i>	56.0	93.8	53.5
<i>Mergus merganser</i>	56.1	93.4	54.9
<i>Mergus serrator</i>	44.8	76.9	42.9
<i>Mergus serrator</i>	46.7	79.8	43.6
<i>Mergus serrator</i>	43.8	77.8	43.7
<i>Mergus serrator</i>	45.3	79.8	44.0

<i>Mergus serrator</i>	47.5	81.7	44.8
<i>Mergus serrator</i>	48.4	85.4	45.4
<i>Mergus serrator</i>	48.9	81.7	45.9
<i>Netta rufina</i>	49.4	81.7	41.8
<i>Somateria mollissima</i>	62.7	96.4	49.2
<i>Somateria mollissima</i>	64.5	100.0	50.9
<i>Somateria mollissima</i>	64.4	102.1	51.6
<i>Somateria mollissima</i>	67.1	101.1	52.7
<i>Somateria mollissima</i>	66.8	103.5	52.7
<i>Somateria mollissima</i>	65.9	105.1	53.0
<i>Somateria mollissima</i>	67.7	105.8	53.8
<i>Somateria mollissima</i>	67.2	104.2	54.0
<i>Somateria mollissima</i>	68.2	105.9	55.2
<i>Somateria mollissima</i>	67.2	107.9	55.9
<i>Tadorna tadorna</i>	47.4	84.6	48.4
<i>Tadorna tadorna</i>	48.0	84.3	51.2
<i>Tadorna tadorna</i>	50.4	91.2	54.6
<i>Tadorna tadorna</i>	55.4	95.6	55.9
<i>Tadorna tadorna</i>	53.8	96.8	59.7
<i>Tadorna tadorna</i>	54.1	98.3	59.7
<i>Tadorna tadorna</i>	56.0	100.6	64.5
Anhimidae			
<i>Chauna torquata</i>	108.0	190.0	132.4
Anseranatidae			

<i>Anseranas semipalmata</i>	82.9	140.7	95.9
<i>Anseranas semipalmata</i>	87.7	150.3	103.1
Dendrocygnidae			
<i>Dendrocygna bicolor</i>	49.4	88.7	56.5
PICIFORMES			
Picidae			
<i>Dendrocopos major</i>	25.6	37.6	24.7
<i>Dendrocopos major</i>	25.0	38.1	24.9
<i>Dendrocopos major</i>	24.6	37.7	25.2
<i>Dendrocopos major</i>	24.8	37.3	25.3
<i>Dendrocopos major</i>	25.2	37.4	25.4
<i>Dendrocopos major</i>	25.6	37.5	25.5
<i>Dendrocopos major</i>	25.2	38.2	25.5
<i>Dendrocopos major</i>	26.2	38.6	25.7
<i>Dendrocopos major</i>	25.5	38.6	26.3
<i>Dendrocopos major</i>	26.3	38.6	26.3
<i>Picus viridis</i>	32.2	47.3	30.9
<i>Picus viridis</i>	33.0	48.0	31.5
<i>Picus viridis</i>	32.2	47.2	31.5
<i>Picus viridis</i>	33.3	48.5	32.8
UPUIFORMES			
Upupidae			
<i>Upupa epops</i>	22.7	33.5	20.0
<i>Upupa epops</i>	22.2	32.5	20.4

<i>Upupa epops</i>	22.1	32.6	20.6
<i>Upupa epops</i>	23.1	34.3	21.5
<i>Upupa epops</i>	24.4	36.4	22.5
<i>Upupa epops</i>	24.6	38.9	23.2
CUCULIFORMES			
Cuculidae			
<i>Cuculus canorus</i>	27.0	36.4	20.8
<i>Cuculus canorus</i>	28.6	38.4	21.7
<i>Cuculus canorus</i>	29.0	38.6	21.8
<i>Cuculus canorus</i>	28.2	39.1	22.3
<i>Cuculus canorus</i>	28.0	38.0	23.0
<i>Cuculus canorus</i>	29.3	39.8	23.1
COLUMBIFORMES			
Columbidae			
<i>Columba palumbus</i>	46.7	61.6	31.9
<i>Columba palumbus</i>	46.2	60.3	31.9
<i>Columba palumbus</i>	42.1	58.4	32.2
<i>Columba palumbus</i>	45.5	60.8	32.5
<i>Columba palumbus</i>	46.8	62.1	32.9
<i>Columba palumbus</i>	46.2	60.3	33.8
GRUIFORMES			
Rallidae			
<i>Fulica atra</i>	53.9	91.3	56.1
<i>Fulica atra</i>	58.4	100.0	61.0

<i>Fulica atra</i>	58.0	101.6	62.3
CICONIIFORMES			
Burhinidae			
<i>Burhinus oedicephalus</i>	49.1	90.6	72.9
Charadriidae			
<i>Charadrius alexandrinus</i>	19.9	39.5	26.7
<i>Vanellus vanellus</i>	37.2	67.2	44.3
<i>Vanellus vanellus</i>	35.6	67.1	47.8
<i>Vanellus vanellus</i>	35.9	68.5	47.9
<i>Vanellus vanellus</i>	38.6	70.3	49.5
<i>Vanellus vanellus</i>	36.6	69.9	49.8
Gaviidae			
<i>Gavia adamsii</i>	64.1	154.5	96.2
<i>Gavia arctica</i>	43.1	118.2	76.2
<i>Gavia arctica</i>	46.6	123.6	76.8
<i>Gavia arctica</i>	50.0	128.2	79.0
<i>Gavia arctica</i>	47.7	127.0	80.2
<i>Gavia arctica</i>	51.3	130.2	80.4
<i>Gavia arctica</i>	50.5	134.0	84.4
<i>Gavia arctica</i>	50.5	139.0	85.0
<i>Gavia stellata</i>	37.3	113.2	70.5
<i>Gavia stellata</i>	38.0	110.0	70.6
<i>Gavia stellata</i>	37.9	114.0	74.3
<i>Gavia stellata</i>	39.1	116.4	74.7

<i>Gavia stellata</i>	39.7	115.9	75.1
<i>Gavia stellata</i>	39.7	117.7	76.5
Laridae			
<i>Alca torda</i>	39.8	67.0	29.6
<i>Alca torda</i>	37.6	63.9	30.2
<i>Alca torda</i>	40.2	66.7	31.0
<i>Alca torda</i>	40.3	68.1	31.4
<i>Alca torda</i>	39.4	67.9	31.6
<i>Alca torda</i>	41.0	69.8	33.2
<i>Alca torda</i>	42.6	71.5	34.2
<i>Alca torda</i>	43.2	74.2	35.4
<i>Alca torda</i>	43.8	76.5	36.7
<i>Alca torda</i>	38.1	66.1	39.0
<i>Alle alle</i>	27.1	43.2	20.2
<i>Alle alle</i>	27.8	42.6	20.3
<i>Alle alle</i>	26.4	42.7	20.6
<i>Alle alle</i>	26.7	46.1	20.9
<i>Alle alle</i>	28.1	45.5	21.0
<i>Alle alle</i>	28.8	44.8	21.3
<i>Alle alle</i>	28.5	47.9	21.7
<i>Alle alle</i>	29.0	46.9	21.8
<i>Alle alle</i>	27.9	46.4	22.0
<i>Alle alle</i>	28.7	46.9	22.3
<i>Cephus grylle</i>	37.1	61.4	32.0

<i>Cepphus grylle</i>	35.8	59.2	32.8
<i>Cepphus grylle</i>	38.5	64.0	32.9
<i>Cepphus grylle</i>	39.5	66.2	33.8
<i>Cepphus grylle</i>	38.3	63.7	34.8
<i>Cepphus grylle</i>	41.2	67.2	35.8
<i>Fratercula arctica</i>	36.3	58.4	25.0
<i>Fratercula arctica</i>	40.2	64.1	25.9
<i>Fratercula arctica</i>	37.2	60.0	26.2
<i>Fratercula arctica</i>	43.2	69.7	27.9
<i>Fratercula arctica</i>	39.6	63.0	28.0
<i>Fratercula arctica</i>	38.7	63.7	28.5
<i>Fratercula arctica</i>	42.8	69.4	28.7
<i>Fratercula arctica</i>	41.8	68.8	29.1
<i>Fratercula arctica</i>	40.5	66.6	29.6
<i>Fratercula arctica</i>	42.6	68.1	29.7
<i>Larus argentatus</i>	58.0	105.4	66.4
<i>Larus argentatus</i>	58.6	106.4	66.7
<i>Larus argentatus</i>	58.6	109.4	66.8
<i>Larus argentatus</i>	57.1	108.2	67.7
<i>Larus argentatus</i>	61.5	112.9	69.8
<i>Larus argentatus</i>	62.1	113.2	70.0
<i>Larus argentatus</i>	62.6	114.0	70.0
<i>Larus argentatus</i>	60.3	108.0	70.2
<i>Larus argentatus</i>	64.2	113.7	73.0

<i>Larus argentatus</i>	62.4	110.4	73.6
<i>Larus canus</i>	40.9	80.8	50.2
<i>Larus canus</i>	41.2	80.0	50.7
<i>Larus canus</i>	38.4	75.7	50.8
<i>Larus canus</i>	41.0	81.7	51.1
<i>Larus canus</i>	41.0	80.5	51.2
<i>Larus canus</i>	40.3	78.8	52.9
<i>Larus canus</i>	42.9	83.6	54.4
<i>Larus canus</i>	41.8	83.5	54.7
<i>Larus canus</i>	44.9	86.1	55.6
<i>Larus fuscus</i>	49.4	92.4	60.2
<i>Larus fuscus</i>	54.8	100.6	64.1
<i>Larus fuscus</i>	54.7	101.2	65.0
<i>Larus fuscus</i>	54.6	103.9	66.3
<i>Larus fuscus</i>	57.6	109.0	67.5
<i>Larus marinus</i>	67.8	120.0	75.7
<i>Larus marinus</i>	66.4	118.5	75.9
<i>Larus marinus</i>	69.1	124.1	79.4
<i>Larus marinus</i>	71.5	125.0	79.7
<i>Larus marinus</i>	72.9	124.0	80.0
<i>Larus marinus</i>	70.4	125.0	80.8
<i>Larus marinus</i>	72.7	128.0	84.4
<i>Larus ridibundus</i>	33.9	67.6	43.4
<i>Larus ridibundus</i>	35.9	69.3	44.0

<i>Larus ridibundus</i>	34.9	70.0	45.0
<i>Larus ridibundus</i>	35.0	68.9	45.7
<i>Larus ridibundus</i>	35.4	71.3	46.0
<i>Larus ridibundus</i>	36.7	72.8	46.6
<i>Larus ridibundus</i>	37.4	71.8	47.5
<i>Larus ridibundus</i>	37.1	74.2	48.2
<i>Rissa tridactyla</i>	38.0	65.1	33.3
<i>Rissa tridactyla</i>	37.7	65.1	33.5
<i>Rissa tridactyla</i>	36.8	66.6	33.6
<i>Rissa tridactyla</i>	36.2	66.0	34.0
<i>Rissa tridactyla</i>	37.5	66.5	34.5
<i>Rissa tridactyla</i>	37.6	66.6	34.9
<i>Rissa tridactyla</i>	37.7	67.2	34.9
<i>Rissa tridactyla</i>	38.1	67.0	35.5
<i>Rissa tridactyla</i>	38.0	67.3	35.5
<i>Rissa tridactyla</i>	39.4	67.5	35.7
<i>Stercorarius parasiticus</i>	36.7	62.5	42.3
<i>Stercorarius parasiticus</i>	36.9	64.0	43.2
<i>Stercorarius parasiticus</i>	38.3	66.1	43.2
<i>Stercorarius parasiticus</i>	37.7	65.4	43.8
<i>Stercorarius parasiticus</i>	38.8	66.9	46.8
<i>Sterna paradisaea</i>	23.0	34.0	15.9
<i>Sterna paradisaea</i>	23.6	36.1	16.3
<i>Sterna paradisaea</i>	24.1	36.7	16.4

<i>Sterna paradisaea</i>	23.1	36.5	17.0
<i>Sterna paradisaea</i>	23.1	36.6	17.5
<i>Sterna paradisaea</i>	24.5	38.0	17.7
<i>Sterna paradisaea</i>	27.0	40.6	19.6
<i>Sterna paradisaea</i>	28.0	43.3	21.5
<i>Thalasseus sandwichensis</i>	31.6	52.9	26.3
<i>Uria aalge</i>	46.5	83.7	36.7
<i>Uria aalge</i>	47.9	83.2	36.8
<i>Uria aalge</i>	49.0	87.6	37.4
<i>Uria aalge</i>	47.2	85.7	37.6
<i>Uria aalge</i>	47.8	88.2	38.1
<i>Uria aalge</i>	48.2	87.3	38.8
<i>Uria aalge</i>	47.8	86.0	39.0
<i>Uria aalge</i>	46.6	82.9	39.6
<i>Uria aalge</i>	46.9	88.6	40.1
<i>Uria aalge</i>	50.3	92.6	40.5
Pelecanidae			
<i>Pelecanus occidentalis</i>	84.1	114.5	74.8
<i>Pelecanus occidentalis</i>	112.2	155.0	102.7
Phalacrocoracidae			
<i>Phalacrocorax aristotelis</i>	56.7	108.6	61.2
<i>Phalacrocorax capensis</i>	49.7	97.0	59.7
<i>Phalacrocorax carbo</i>	56.2	100.1	60.4
<i>Phalacrocorax carbo</i>	58.1	102.7	61.7

<i>Phalacrocorax carbo</i>	56.2	103.2	62.1
<i>Phalacrocorax carbo</i>	61.3	108.8	63.8
<i>Phalacrocorax carbo</i>	61.1	108.1	65.4
<i>Phalacrocorax carbo</i>	62.1	110.3	66.1
<i>Phalacrocorax carbo</i>	65.5	114.9	66.5
<i>Phalacrocorax carbo</i>	61.5	109.6	67.1
<i>Phalacrocorax carbo</i>	66.1	116.5	67.5
<i>Phalacrocorax carbo</i>	67.3	117.5	70.4
Podicipedidae			
<i>Podiceps cristatus</i>	41.9	100.3	62.5
<i>Podiceps cristatus</i>	41.3	111.8	63.3
<i>Podiceps cristatus</i>	43.2	101.0	63.5
<i>Podiceps cristatus</i>	41.1	103.9	65.1
<i>Podiceps cristatus</i>	40.5	103.8	65.3
<i>Podiceps cristatus</i>	44.0	116.2	65.4
<i>Podiceps cristatus</i>	44.2	108.1	65.6
<i>Podiceps cristatus</i>	41.8	112.0	66.4
<i>Podiceps cristatus</i>	43.7	108.4	67.7
<i>Podiceps cristatus</i>	45.5	110.6	70.4
<i>Podiceps grisegena</i>	42.9	90.7	55.4
<i>Podiceps grisegena</i>	41.0	89.9	55.6
<i>Podiceps grisegena</i>	43.8	96.7	58.4
<i>Podiceps grisegena</i>	44.8	96.3	58.7
<i>Podiceps grisegena</i>	43.0	100.0	59.4

Procellariidae			
<i>Fulmarus glacialis</i>	43.1	78.6	46.8
<i>Fulmarus glacialis</i>	45.5	86.6	50.1
<i>Fulmarus glacialis</i>	45.9	85.3	50.7
<i>Fulmarus glacialis</i>	47.0	87.4	51.6
<i>Fulmarus glacialis</i>	45.7	87.7	52.0
<i>Fulmarus glacialis</i>	46.8	90.1	52.7
<i>Fulmarus glacialis</i>	48.3	87.2	53.4
<i>Fulmarus glacialis</i>	50.7	92.7	55.3
<i>Fulmarus glacialis</i>	50.4	92.5	55.5
<i>Fulmarus glacialis</i>	51.6	93.7	57.4
Spheniscidae			
<i>Spheniscus demersus</i>	74.0	111.7	30.4
<i>Spheniscus demersus</i>	70.7	103.9	30.7
<i>Spheniscus demersus</i>	74.3	110.4	33.0
Sulidae			
<i>Morus bassanus</i>	68.2	101.8	56.3
<i>Morus bassanus</i>	69.3	101.7	57.0
<i>Morus bassanus</i>	70.5	100.4	57.2
<i>Morus bassanus</i>	69.8	100.8	58.2
<i>Morus bassanus</i>	71.0	99.6	58.3
<i>Morus bassanus</i>	71.6	100.6	58.4
<i>Morus bassanus</i>	70.4	101.8	59.3
<i>Morus bassanus</i>	72.3	96.6	60.1

PASSERIFORMES

Laniidae

<i>Lanius collurio</i>	19.4	33.9	23.4
------------------------	------	------	------

Bombycillidae

<i>Bombycilla garrulus</i>	22.9	34.8	19.6
----------------------------	------	------	------

<i>Bombycilla garrulus</i>	22.7	33.9	19.6
----------------------------	------	------	------

<i>Bombycilla garrulus</i>	22.7	34.5	19.8
----------------------------	------	------	------

<i>Bombycilla garrulus</i>	23.1	35.4	20.2
----------------------------	------	------	------

<i>Bombycilla garrulus</i>	23.4	36.2	20.3
----------------------------	------	------	------

<i>Bombycilla garrulus</i>	24.1	35.1	20.5
----------------------------	------	------	------

<i>Bombycilla garrulus</i>	23.5	36.1	20.6
----------------------------	------	------	------

<i>Bombycilla garrulus</i>	23.9	36.1	20.8
----------------------------	------	------	------

<i>Bombycilla garrulus</i>	24.1	36.5	21.1
----------------------------	------	------	------

<i>Bombycilla garrulus</i>	23.6	36.9	21.7
----------------------------	------	------	------

Certhiidae

<i>Troglodytes troglodytes</i>	12.2	23.1	16.4
--------------------------------	------	------	------

<i>Troglodytes troglodytes</i>	12.5	23.1	16.5
--------------------------------	------	------	------

<i>Troglodytes troglodytes</i>	12.3	23.4	16.6
--------------------------------	------	------	------

<i>Troglodytes troglodytes</i>	12.7	23.4	16.7
--------------------------------	------	------	------

<i>Troglodytes troglodytes</i>	12.6	23.3	16.8
--------------------------------	------	------	------

<i>Troglodytes troglodytes</i>	12.8	23.9	16.9
--------------------------------	------	------	------

<i>Troglodytes troglodytes</i>	12.7	23.8	17.3
--------------------------------	------	------	------

<i>Troglodytes troglodytes</i>	13.0	23.9	17.6
--------------------------------	------	------	------

<i>Troglodytes troglodytes</i>	13.7	24.9	17.7
--------------------------------	------	------	------

Cinclidae			
<i>Cinclus cinclus</i>	21.2	39.2	25.5
<i>Cinclus cinclus</i>	20.8	39.0	26.8
<i>Cinclus cinclus</i>	21.2	39.4	27.0
<i>Cinclus cinclus</i>	21.0	40.0	27.2
<i>Cinclus cinclus</i>	21.6	39.9	28.6
<i>Cinclus cinclus</i>	21.8	42.1	29.4
<i>Cinclus cinclus</i>	23.4	43.6	30.7
Corvidae			
<i>Corvus corax</i>	71.9	114.4	71.5
<i>Corvus corone</i>	49.3	75.9	51.2
<i>Corvus corone</i>	51.8	80.2	53.2
<i>Corvus corone</i>	51.3	87.4	56.2
<i>Corvus corone</i>	53.9	88.9	57.2
<i>Corvus corone</i>	51.9	87.6	57.8
<i>Corvus corone</i>	54.8	88.5	58.4
<i>Corvus corone</i>	53.8	86.3	59.1
<i>Corvus corone</i>	55.8	92.6	62.8
<i>Corvus frugilegus</i>	46.9	77.8	49.4
<i>Corvus frugilegus</i>	48.1	81.5	51.8
<i>Corvus frugilegus</i>	47.9	82.6	53.0
<i>Corvus frugilegus</i>	47.4	81.6	53.3
<i>Corvus frugilegus</i>	47.3	82.5	53.6
<i>Corvus frugilegus</i>	49.5	84.9	55.1

<i>Corvus frugilegus</i>	50.2	90.2	57.2
<i>Corvus monedula</i>	35.9	61.9	41.5
<i>Corvus monedula</i>	35.1	61.8	41.8
<i>Corvus monedula</i>	38.4	66.4	44.2
<i>Corvus monedula</i>	37.9	68.8	44.9
<i>Corvus monedula</i>	38.6	66.7	45.3
<i>Perisoreus infaustus</i>	30.0	49.1	35.0
<i>Perisoreus infaustus</i>	30.5	50.4	35.8
<i>Perisoreus infaustus</i>	30.9	50.7	35.9
<i>Perisoreus infaustus</i>	31.4	51.1	36.0
<i>Perisoreus infaustus</i>	31.7	51.3	36.2
<i>Perisoreus infaustus</i>	32.1	52.0	37.8
<i>Perisoreus infaustus</i>	31.9	52.0	38.0
<i>Perisoreus infaustus</i>	33.6	54.8	38.1
<i>Pica pica</i>	39.4	62.8	43.9
<i>Pica pica</i>	40.4	64.5	44.7
<i>Pica pica</i>	40.3	64.2	44.9
<i>Pica pica</i>	39.7	65.1	44.9
<i>Pica pica</i>	41.7	66.1	47.8
<i>Pica pica</i>	41.1	66.5	48.5
<i>Pica pica</i>	41.2	66.5	48.6
<i>Pica pica</i>	44.9	71.1	49.6
<i>Pica pica</i>	44.8	70.0	49.8
<i>Pica pica</i>	44.4	73.7	51.1

<i>Pica pica</i>	43.2	70.2	51.2
<i>Pica pica</i>	43.2	70.3	51.4
<i>Pica pica</i>	44.7	72.6	51.7
<i>Pica pica</i>	44.8	73.1	52.2
<i>Pica pica</i>	44.8	73.2	52.3
<i>Pica pica</i>	44.1	73.9	53.2
Fringillidae			
<i>Emberiza citrinella</i>	18.2	29.6	19.5
<i>Emberiza citrinella</i>	18.0	29.6	19.7
<i>Emberiza citrinella</i>	18.4	29.6	20.0
<i>Fringilla coelebs</i>	15.7	26.6	17.4
<i>Fringilla coelebs</i>	15.8	27.7	17.9
<i>Fringilla coelebs</i>	15.7	27.0	18.0
<i>Fringilla coelebs</i>	16.6	27.6	18.1
<i>Fringilla coelebs</i>	16.4	27.9	18.2
<i>Fringilla coelebs</i>	16.1	27.5	18.3
<i>Fringilla coelebs</i>	16.4	28.0	18.4
<i>Fringilla coelebs</i>	16.4	28.2	18.5
<i>Fringilla coelebs</i>	16.6	28.9	19.2
<i>Pyrrhula pyrrhula</i>	18.4	30.2	18.2
Motacillidae			
<i>Motacilla alba</i>	15.6	30.0	22.4
<i>Motacilla alba</i>	16.4	31.6	23.0
<i>Motacilla alba</i>	17.1	32.6	24.2

Muscicapidae			
<i>Erithacus rubecula</i>	15.6	31.2	24.2
<i>Erithacus rubecula</i>	15.3	31.3	24.3
<i>Erithacus rubecula</i>	15.9	32.3	24.7
<i>Erithacus rubecula</i>	15.9	31.4	25.0
<i>Erithacus rubecula</i>	16.4	32.1	25.3
<i>Erithacus rubecula</i>	16.6	32.4	25.6
<i>Erithacus rubecula</i>	16.2	31.5	25.6
<i>Turdus iliacus</i>	24.0	40.2	27.1
<i>Turdus iliacus</i>	24.5	41.6	27.7
<i>Turdus iliacus</i>	24.9	41.8	28.2
<i>Turdus iliacus</i>	24.2	41.5	28.2
<i>Turdus iliacus</i>	24.1	41.4	28.2
<i>Turdus iliacus</i>	24.2	41.8	28.2
<i>Turdus iliacus</i>	24.4	41.4	28.3
<i>Turdus iliacus</i>	24.5	41.4	28.5
<i>Turdus iliacus</i>	24.4	42.5	28.5
<i>Turdus iliacus</i>	24.4	42.4	28.5
<i>Turdus iliacus</i>	25.0	41.9	28.7
<i>Turdus iliacus</i>	25.0	42.2	28.9
<i>Turdus iliacus</i>	24.4	43.3	29.1
<i>Turdus iliacus</i>	25.1	41.7	29.1
<i>Turdus iliacus</i>	25.1	41.8	29.2
<i>Turdus iliacus</i>	25.6	43.2	29.6

<i>Turdus iliacus</i>	25.7	43.9	29.7
<i>Turdus iliacus</i>	25.6	43.6	29.9
<i>Turdus merula</i>	28.7	48.5	32.1
<i>Turdus merula</i>	28.6	47.2	32.7
<i>Turdus merula</i>	28.6	47.2	32.9
<i>Turdus merula</i>	30.0	48.9	33.1
<i>Turdus merula</i>	29.6	48.2	33.1
<i>Turdus merula</i>	29.1	47.2	33.2
<i>Turdus merula</i>	30.1	48.9	33.4
<i>Turdus merula</i>	29.7	47.8	33.5
<i>Turdus merula</i>	29.7	48.9	33.8
<i>Turdus merula</i>	29.6	49.2	33.8
<i>Turdus merula</i>	29.4	48.9	33.9
<i>Turdus merula</i>	30.0	50.2	33.9
<i>Turdus merula</i>	28.7	48.1	33.9
<i>Turdus merula</i>	30.1	49.2	33.9
<i>Turdus merula</i>	30.6	49.4	34.3
<i>Turdus merula</i>	29.0	48.8	34.8
<i>Turdus merula</i>	29.0	48.8	34.9
<i>Turdus merula</i>	30.2	50.1	35.0
<i>Turdus merula</i>	29.7	50.2	35.0
<i>Turdus merula</i>	30.2	50.1	35.1
<i>Turdus merula</i>	30.5	51.1	35.9
<i>Turdus philomelos</i>	25.0	44.0	31.2

<i>Turdus philomelos</i>	25.8	44.6	31.2
<i>Turdus philomelos</i>	24.9	44.5	31.5
<i>Turdus philomelos</i>	25.4	44.9	31.7
<i>Turdus philomelos</i>	26.2	45.9	31.7
<i>Turdus philomelos</i>	25.7	44.3	32.3
<i>Turdus philomelos</i>	26.5	47.0	32.5
<i>Turdus philomelos</i>	25.5	43.1	32.6
<i>Turdus philomelos</i>	27.1	47.6	32.9
<i>Turdus philomelos</i>	26.9	44.7	32.9
<i>Turdus pilaris</i>	28.1	45.5	31.0
<i>Turdus pilaris</i>	29.3	49.9	32.3
<i>Turdus pilaris</i>	28.9	48.1	32.4
<i>Turdus pilaris</i>	29.0	48.1	32.5
<i>Turdus pilaris</i>	30.1	47.8	32.6
<i>Turdus pilaris</i>	29.1	49.5	33.0
<i>Turdus pilaris</i>	30.3	49.5	33.1
<i>Turdus pilaris</i>	30.3	49.4	33.2
<i>Turdus pilaris</i>	29.9	50.3	33.6
<i>Turdus pilaris</i>	29.2	49.4	33.8
<i>Turdus pilaris</i>	30.8	51.5	33.9
<i>Turdus pilaris</i>	29.4	51.2	34.8
<i>Turdus pilaris</i>	29.4	51.2	34.9
<i>Turdus pilaris</i>	30.2	51.4	34.9
<i>Turdus viscivorus</i>	29.4	48.7	32.9

<i>Turdus viscivorus</i>	29.1	49.6	32.9
<i>Turdus viscivorus</i>	30.5	51.4	34.6
<i>Turdus viscivorus</i>	31.6	52.3	34.8
Passeridae			
<i>Passer domesticus</i>	17.7	27.1	17.2
<i>Passer domesticus</i>	17.8	28.7	18.9
<i>Passer domesticus</i>	17.7	28.9	19.0
<i>Passer domesticus</i>	17.3	28.5	19.2
<i>Passer domesticus</i>	19.2	29.5	19.3
<i>Passer domesticus</i>	19.3	30.2	20.0
<i>Passer montanus</i>	16.5	26.1	16.6
<i>Passer montanus</i>	15.7	25.9	16.9
<i>Passer montanus</i>	16.4	26.1	16.9
<i>Passer montanus</i>	16.4	26.0	17.0
<i>Passer montanus</i>	16.6	26.6	17.0
<i>Passer montanus</i>	16.6	26.8	17.5
<i>Passer montanus</i>	16.6	27.0	17.7
Sturnidae			
<i>Sturnus vulgaris</i>	25.0	44.4	28.1
<i>Sturnus vulgaris</i>	25.7	44.0	28.8
<i>Sturnus vulgaris</i>	25.4	45.0	28.8
<i>Sturnus vulgaris</i>	24.8	44.3	28.9
<i>Sturnus vulgaris</i>	25.0	44.3	28.9
<i>Sturnus vulgaris</i>	25.6	43.9	28.9

<i>Sturnus vulgaris</i>	25.0	45.1	29.3
<i>Sturnus vulgaris</i>	26.0	45.2	29.3
<i>Sturnus vulgaris</i>	25.9	46.5	29.3
<i>Sturnus vulgaris</i>	25.8	46.5	29.3
<i>Sturnus vulgaris</i>	25.3	44.4	29.3
<i>Sturnus vulgaris</i>	25.0	44.7	29.3
<i>Sturnus vulgaris</i>	25.3	44.3	29.3
<i>Sturnus vulgaris</i>	25.2	44.9	29.7
<i>Sturnus vulgaris</i>	25.9	46.2	30.2
<i>Sturnus vulgaris</i>	26.0	46.2	30.3
<i>Sturnus vulgaris</i>	26.2	46.0	30.6
<i>Sturnus vulgaris</i>	25.8	45.8	30.7
<i>Sturnus vulgaris</i>	27.8	46.5	30.8
Syllvidae			
<i>Sylvia borin</i>	16.2	28.2	19.4
<i>Sylvia borin</i>	16.5	28.0	19.6
<i>Sylvia borin</i>	16.9	28.6	20.1
<i>Sylvia borin</i>	15.7	27.8	20.3