

**TABLE I**  
**The Gross Composition of Mammalian Milks**

Species	N	Lactation stage (days)	Dry matter (%)	Fat (%) <sup>a</sup>	Crude protein (%) <sup>b</sup>	Lactose and sugars (%) <sup>c</sup>	Ash (%)	Source of data
<b>Monotremata</b>								
Tachyglossidae								
Short-beaked echidna ( <i>Tachyglossus aculeatus</i> )	15	37–99	48.9	31.0 <sup>E</sup>	12.4 <sup>N</sup>	2.3 <sup>A</sup>	—	Griffiths <i>et al.</i> (1984)
<b>Oornithorhynchidae</b>								
Platypus ( <i>Ornithorhynchus anatinus</i> )	10	Mature	39.1	22.2 <sup>E</sup>	8.2 <sup>N</sup>	3.7 <sup>A</sup>	—	Griffiths <i>et al.</i> (1984)
<b>Marsupialia</b>								
Dasyuridae								
Eastern native quoll ( <i>Dasyurus viverrinus</i> )	8–35	70–91	29.6	10.9 <sup>E</sup>	7.3 <sup>N</sup>	5.6 <sup>P</sup>	—	Green <i>et al.</i> (1987)
Paramelidae								
Northern brown bandicoot ( <i>Isoodon macrourus</i> )	8–10	30–37	26.0	10.0 <sup>E</sup>	9.0 <sup>N</sup>	6.9 <sup>P</sup>	—	Merchant and Libke (1988)
Phalangeridae								
Brushtail possum ( <i>Trichosurus vulpecula</i> )	20–23	100–120	24.0	4.4 <sup>E</sup>	7.0 <sup>D</sup>	11.0 <sup>P</sup>	1.5	Cowan (1989); Gross and Bollinger (1959)
Petauridae								
Ringtail possum ( <i>Pseudochirus peregrinus</i> )	> 8	91–98	23.0	3.0 <sup>C*</sup>	4.5 <sup>D</sup>	12.5 <sup>P</sup>	—	Munks <i>et al.</i> (1991)
Macropodidae								
Tasmanian bettong ( <i>Bettongia gaimardi</i> )	3–6	84–91	25.0	4.0 <sup>C*</sup>	11.0 <sup>D</sup>	11.0 <sup>P</sup>	—	Smolenski and Rose (1988)

Species	N	Lactation stage (days)	Dry matter (%)	Fat (%) <sup>a</sup>	Crude protein (%) <sup>b</sup>	Lactose and sugars (%) <sup>c</sup>	Ash (%)	Source of data
Tammar wallaby ( <i>Macropus eugenii</i> )								
18	168–182	25.0	4.0 <sup>E</sup>	6.0 <sup>N</sup>	12.5 <sup>P</sup>	—	—	Green <i>et al.</i> (1980, 1983); Messer and Green (1979)
Red kangaroo ( <i>Macropus rufus</i> )								
6	200–232	24.1	6.1 <sup>E</sup>	7.2 <sup>N</sup>	—	—	—	Lemon and Barker (1967)
Red-necked wallaby ( <i>Macropus rufogriseus</i> )								
8–39	226	25.0	7.2 <sup>E</sup>	6.8 <sup>N</sup>	10.9 <sup>P</sup>	—	—	Merchant <i>et al.</i> (1989)
Long-nosed potoroo ( <i>Potorous tridactylus</i> )								
3–5	98–112	27.0	3.0 <sup>C*</sup>	10.0 <sup>D</sup>	14.0 <sup>P</sup>	—	—	Smolenski and Rose (1988); Crowley <i>et al.</i> (1988)
<b>Insectivora</b>								
Soricidae								
White-toothed shrew ( <i>Crocidura russula</i> )	3	8–12	51.0	30.0 <sup>E</sup>	9.4 <sup>L</sup>	3.0 <sup>A</sup>	1.6	Mover <i>et al.</i> (1985)
<b>Chiroptera</b>								
Phyllostomatidae								
Jamaican fruit bat ( <i>Artibeus jamaicensis</i> )	21	13–43	17.8	9.0 <sup>E</sup>	3.6 <sup>N</sup>	6.1 <sup>P</sup>	—	O. Oftedal and L. Taft (unpublished data)
Vespertilionidae								
Little brown bat ( <i>Myotis lucifugus</i> )	3	13–19+	27.1	15.8 <sup>E</sup>	8.5 <sup>N</sup>	4.0 <sup>P</sup>	—	Kunz <i>et al.</i> (1995)
Cave bat ( <i>Myotis velifer</i> )	3	20–32	25.4	19.9 <sup>E</sup>	10.7 <sup>N</sup>	4.4 <sup>P</sup>	—	Kunz <i>et al.</i> (1995)

<b>Molossidae</b>								
Mexican free-tailed bat ( <i>Tadarida brasiliensis</i> )	21	22–42	36.5	25.8 <sup>E</sup>	7.7 <sup>N</sup>	3.4 <sup>P</sup>	—	Kunz <i>et al.</i> (1995)
<b>Primates</b>								
<b>Lemuridae</b>								
Brown lemur ( <i>Eulemur fulvus</i> )	6	28–74	9.6	0.9 <sup>E</sup>	1.3 <sup>N*</sup>	8.5 <sup>P</sup>	0.2	Tilden and Oftedal (1995)
Black lemur ( <i>Eulemur macaco</i> )	7	30–82	10.1	1.1 <sup>E</sup>	1.5 <sup>N*</sup>	8.4 <sup>P</sup>	0.3	Tilden and Oftedal (1995)
Red-bellied lemur ( <i>Eulemur rubriventer</i> )	3	26–57	10.3	0.8 <sup>E</sup>	1.1 <sup>N*</sup>	8.9 <sup>P</sup>	0.2	Tilden and Oftedal (1995)
Mongoose lemur ( <i>Eulemur mongoz</i> )	4	45–81	9.8	0.7 <sup>E</sup>	1.3 <sup>N*</sup>	7.9 <sup>P</sup>	0.2	Tilden and Oftedal (1995)
Ruffed lemur ( <i>Varecia variegata</i> )	5	17–48	14.0	3.2 <sup>E</sup>	4.2 <sup>N*</sup>	7.7 <sup>P</sup>	0.4	Tilden and Oftedal (1995)
<b>Lorisidae</b>								
Garnett's bushbaby ( <i>Otolemur garnetti</i> )	14	14–73	18.5	7.3 <sup>E</sup>	5.2 <sup>N*</sup>	6.6 <sup>P</sup>	0.6	Tilden and Oftedal (1995)
Thick-tailed bushbaby ( <i>Otolemur crassicaudatus</i> )	8	19–60	18.6	8.0 <sup>E</sup>	4.8 <sup>N*</sup>	6.4 <sup>P</sup>	0.6	Tilden and Oftedal (1995)
Slow loris ( <i>Nycticebus coucang</i> )	4	18–90	16.3	7.0 <sup>E</sup>	3.9 <sup>N*</sup>	6.6 <sup>P</sup>	0.7	Tilden and Oftedal (1995)
<b>Callitrichidae</b>								
Golden lion tamarin ( <i>Leontopithecus rosalia</i> )	4	10–55	19.4	10.2 <sup>E</sup>	3.0 <sup>N</sup>	6.8 <sup>P</sup>	—	O. Oftedal and M. Power (unpublished data)

Species	N	Lactation stage (days)	Dry matter (%) <sup>a</sup>	Fat (%) <sup>a</sup>	Crude protein (%) <sup>b</sup>	Lactose and sugars (%) <sup>c</sup>	Ash (%)	Source of data
<b>Cebidae</b>								
Red howler ( <i>Alouatta seniculus</i> )	7	30–150	11.3	1.1 <sup>E</sup>	1.9 <sup>N</sup>	6.6 <sup>P</sup>	—	O. Oftedal, S. Crissey, and R. Rudran (unpublished data)
Mantled howler ( <i>Alouatta palliata</i> )	7	30–150	11.7	1.6 <sup>E</sup>	2.2 <sup>N</sup>	6.7 <sup>P</sup>	—	O. Oftedal and K. Glander (unpublished data)
<b>Cercopithecidae</b>								
Talapoin monkey ( <i>Cercopithecus talapoin</i> )	4	17–38	12.3	3.0 <sup>E</sup>	2.1 <sup>N</sup>	7.2 <sup>R</sup>	0.3	Buss and Cooper (1970)
Crab-eating macaque ( <i>Macaca fascicularis</i> )	8	44–119	12.2	5.2 <sup>E</sup>	1.6 <sup>N*</sup>	—	0.4	Nishikawa <i>et al.</i> (1976)
Japanese macaque ( <i>Macaca fuscata</i> )	7	35–56	14.0	4.2 <sup>E</sup>	1.6 <sup>L</sup>	6.2 <sup>Z</sup>	—	Ota <i>et al.</i> (1991)
Rhesus macaque ( <i>Macaca mulatta</i> )	13–18	16–35	—	4.6 <sup>S</sup>	2.3 <sup>L</sup>	7.9 <sup>Z</sup>	—	Lönnnerdal <i>et al.</i> (1984)
Baboons ( <i>Papio anubis</i> , <i>Papio cynocephalus</i> , <i>Papio papio</i> )	24	21–63	14.0	4.5 <sup>E</sup>	1.5 <sup>N</sup>	7.8 <sup>R</sup>	0.3	Buss (1968); Roberts <i>et al.</i> (1985)
<b>Carnivora</b>								
<b>Canidae</b>								
Arctic fox ( <i>Alopex lagopus</i> )	100?	Mid?	28.6	13.5 <sup>U</sup>	11.1 <sup>U</sup>	3.0 <sup>U</sup>	1.0	Dubrovskaya (1975)
Dog (domestic) ( <i>Canis familiaris</i> )	25	7–37	22.7	9.5 <sup>E</sup>	7.5 <sup>N*</sup>	3.8 <sup>P</sup>	1.1	Oftedal (1984b); Rüsse (1961)
Raccoon dog ( <i>Nyctereutes procyonoides</i> )	22	7–59	18.6	3.4 <sup>E</sup>	7.8 <sup>N</sup>	—	1.1	Iwata and Ishii (1946)

Red fox ( <i>Vulpes vulpes</i> )	3	28–35	18.1	5.8 <sup>E</sup>	6.7 <sup>N</sup>	4.6 <sup>M</sup>	0.9	Young and Grant (1931); Laxa (1930)
<b>Ursidae</b>								
Brown bear ( <i>Ursus arctos</i> )	9	60–98	31.9	17.1 <sup>E</sup>	9.2 <sup>N*</sup>	2.2 <sup>P</sup>	1.5	Jenness <i>et al.</i> (1972); Ando <i>et al.</i> (1979)
Black bear ( <i>Ursus americanus</i> )	6	60–90	37.6	25.1 <sup>E</sup>	7.0 <sup>N</sup>	3.0 <sup>P</sup>	—	Oftedal <i>et al.</i> (1993a)
<b>Mustelidae</b>								
Striped skunk ( <i>Mephitis mephitis</i> )	15	20–48	30.6	13.8 <sup>E</sup>	9.9 <sup>N*</sup>	3.0 <sup>P</sup>	—	Oftedal (1981)
Ferret ( <i>Mustela putorius</i> )	18	11–25	—	9.7 <sup>C</sup>	6.9 <sup>L</sup>	3.8 <sup>R</sup>	—	Schoknecht <i>et al.</i> (1985)
American mink ( <i>Mustela vison</i> )	20	10–27	21.7	7.3 <sup>E</sup>	5.6 <sup>N*</sup>	4.5 <sup>P</sup>	1.0	Oftedal (1981); Co-nant (1962)
<b>Felidae</b>								
Cat (domestic) ( <i>Felis catus</i> )	15	6–38	—	10.8 <sup>O</sup>	10.6 <sup>N</sup>	3.7 <sup>R</sup>	1.0	Folin <i>et al.</i> (1919)
African lion ( <i>Panthera leo</i> )	6	45–90	26.8	8.7 <sup>E</sup>	11.8 <sup>N</sup>	3.2 <sup>P</sup>	—	O. Oftedal, A. Pusey, and C. Packer (unpublished data)
<b>Pinnipedia</b>								
<b>Phocidae</b>								
Hooded seal ( <i>Cystophora cristata</i> )	15	2–4	69.8	61.1 <sup>E</sup>	4.9 <sup>N</sup>	1.0 <sup>P</sup>	—	Oftedal <i>et al.</i> (1988)
Grey seal ( <i>Halichoerus grypus</i> )	13	8–15	71.1	59.8 <sup>E</sup>	9.2 <sup>N</sup>	—	—	Iverson <i>et al.</i> (1993)
Weddell seal ( <i>Leptonychotes weddelli</i> )	7	10–43	66.2	53.6 <sup>E</sup>	8.9 <sup>N</sup>	0.02 <sup>Z</sup>	—	Tedman (1980)
<b>Otariidae</b>								
Northern elephant seal ( <i>Mirounga angustirostris</i> )	20–24	20–28	65.8	51.9 <sup>E</sup>	10.2 <sup>L,N</sup>	< 0.025 <sup>R</sup>	—	Riedman and Ortiz (1979); Kretzmann <i>et al.</i> (1993)
Southern elephant seal ( <i>Mirounga leonina</i> )	5	11–26	—	46.9 <sup>C*</sup>	7.4 <sup>N</sup>	0.02 <sup>A</sup>	—	Peaker and Goode (1978); M. Peaker (personal communication)
Harp seal ( <i>Phoca groenlandica</i> )	8	10–13	65.7	53.5 <sup>E</sup>	7.7 <sup>N</sup>	0.8 <sup>P</sup>	—	Oftedal <i>et al.</i> (1995)
<b>Cetacea</b>								
<b>Delphinidae</b>								
Spotted dolphin ( <i>Stenella attenuata</i> )	3	Mid–late?	—	22.5 <sup>E</sup>	8.4 <sup>N*</sup>	1.2 <sup>R</sup>	—	Pilson and Waller (1970)
Bottlenose dolphin ( <i>Tursiops truncatus</i> )	4	198–210	—	29.4 <sup>E</sup>	12.2 <sup>D</sup>	2.5 <sup>P</sup>	—	Pervaiz and Brew (1986)

<b>Balaenopteridae</b>								
Minke whale ( <i>Balaenoptera acutorostrata</i> )	12	Mid?	41.5	22.2 <sup>U</sup>	14.6 <sup>U</sup>	—	1.9	Best (1982)
Blue whale ( <i>Balaenoptera musculus</i> )	4	≈210	55.0	40.9 <sup>E</sup>	11.9 <sup>N</sup>	1.3 <sup>R</sup>	1.4	White (1953); Gregory et al. (1955)
Fin whale ( <i>Balaenoptera physalus</i> )	7–9	≈210	46.5	33.2 <sup>E</sup>	10.5 <sup>N</sup>	2.3 <sup>R</sup>	1.1	White (1953); Ohta et al. (1955)
Humpback whale ( <i>Megaptera novaeangliae</i> )	8	≈300	48.4	33.0 <sup>U</sup>	12.5 <sup>N</sup>	—	1.6	Chittleborough (1958)
<b>Proboscidea</b>								
<b>Elephantidae</b>								
Asian elephant ( <i>Elephas maximus</i> )	3	60–120	17.7	7.3 <sup>U</sup>	4.5 <sup>N</sup>	5.2 <sup>R</sup>	0.6	Simon (1959)
African elephant ( <i>Loxodonta africana</i> )	6	60–80	17.3	5.0 <sup>O</sup>	4.0 <sup>N</sup>	5.3 <sup>A</sup>	0.7	McCullagh and Widdowson (1970)
<b>Perissodactyla</b>								
<b>Equidae</b>								
Ass ( <i>Equus asinus</i> )	9	30–180	10.8	1.8 <sup>E</sup>	1.7 <sup>N*</sup>	5.9 <sup>P</sup>	0.4	Oftedal and Jenness (1988)
Plains zebra ( <i>Equus burchelli</i> )	5	90–240	11.3	2.2 <sup>E</sup>	1.6 <sup>N*</sup>	7.0 <sup>P</sup>	0.4	Oftedal and Jenness (1988)
Przewalski horse ( <i>Equus przewalskii</i> )	14	90–360	10.5	1.5 <sup>E</sup>	1.6 <sup>N*</sup>	6.7 <sup>P</sup>	0.3	Oftedal and Jenness (1988)
Mountain zebra ( <i>Equus zebra</i> )	7	90–360	10.0	1.0 <sup>E</sup>	1.6 <sup>N*</sup>	6.9 <sup>P</sup>	0.3	Oftedal and Jenness (1988)
<b>Tapiridae</b>								
Baird's tapir ( <i>Tapirus bairdii</i> )	4	15–31	13.3	1.9 <sup>E</sup>	4.6 <sup>N</sup>	5.3 <sup>P</sup>	0.7	O. Oftedal (unpublished data)
Brazilian tapir ( <i>Tapirus terrestris</i> )	3	15–20	15.0	3.9 <sup>E</sup>	4.4 <sup>N</sup>	5.3 <sup>R</sup>	0.7	R. Jenness (personal communication)
<b>Rhinocerotidae</b>								
Black rhinoceros ( <i>Diceros bicornis</i> )	11	30–330	8.8	0.2 <sup>E</sup>	1.4 <sup>N*</sup>	6.6 <sup>R</sup>	0.3	Gregory et al. (1965); Aschaffenburg et al. (1961)
<b>Artiodactyla</b>								
<b>Tayassuidae</b>								
Collared peccary ( <i>Tayassu tajacu</i> )	4	21–48	16.2	4.2 <sup>E</sup>	5.1 <sup>N</sup>	6.2 <sup>M</sup>	—	Lochmiller et al. (1985)
<b>Camelidae</b>								
Bactrian camel ( <i>Camelus bactrianus</i> )	30	23–91	15.2	4.3 <sup>E</sup>	4.3 <sup>N*</sup>	—	0.9	O. Oftedal, C. Wemmer, and J. Murtaugh (unpublished data)
<b>Cervidae</b>								
Moose ( <i>Alces alces</i> )	15	Mid?	21.5	10.0 <sup>U</sup>	8.4 <sup>U</sup>	3.0 <sup>U</sup>	1.5	Ivanova (1965)
North American elk ( <i>Cervus elaphus nelsoni</i> )	28	14–77	19.0	6.7 <sup>E</sup>	5.7 <sup>N</sup>	4.2 <sup>P</sup>	1.3	Robbins et al. (1981)
Red deer ( <i>Cervus elaphus scoticus</i> )	6	3–31	21.1	8.5 <sup>V</sup>	7.1 <sup>N*</sup>	4.5 <sup>P</sup>	1.4	Arman et al. (1974)

Mule deer ( <i>Odocoileus hemionus</i> )	24	14–35	18.5	5.5 <sup>E</sup>	7.0 <sup>N</sup>	4.5 <sup>P</sup>	1.4	Carl and Robbins (1988); Mueller and Sadleir (1977)
White-tailed deer ( <i>Odocoileus virginianus</i> )	4+	21–28	22.5	7.7 <sup>U</sup>	8.2 <sup>U</sup>	4.6 <sup>U</sup>	1.5	Compilation (see Oftedal, 1984a)
Reindeer ( <i>Rangifer tarandus</i> )	6	21–30	26.3	10.9 <sup>E</sup>	9.5 <sup>N</sup>	3.4 <sup>R</sup>	1.3	Luhtala <i>et al.</i> (1968); Luick <i>et al.</i> (1974)
<b>Giraffidae</b>								
Giraffe ( <i>Giraffa camelopardalis</i> )	3	Mid	14.5	4.8 <sup>V</sup>	4.0 <sup>N</sup>	—	0.8	Hall-Martin <i>et al.</i> (1977)
<b>Bovidae</b>								
Gayal ( <i>Bos frontalis</i> )	4+	11–50	20.0	7.0 <sup>V</sup>	6.3 <sup>T</sup>	5.2 <sup>M</sup>	—	Scheurmann <i>et al.</i> (1977)
Ibex ( <i>Capra ibex</i> )	24	30–60	23.3	12.4 <sup>U</sup>	5.7 <sup>U</sup>	—	1.2	Maltz (1979)
Dorcas gazelle ( <i>Gazella dorcas</i> )	16	30–60	24.1	8.8 <sup>U</sup>	8.8 <sup>U</sup>	—	1.1	Maltz (1979)
Tahr ( <i>Hemitragus jemlahicus</i> )	9	60?	—	7.9 <sup>E</sup>	5.4 <sup>N</sup>	3.1 <sup>P</sup>	—	Rammell and Caughey (1964)
Sable antelope ( <i>Hippotragus niger</i> )	6–8	~30–107	17.9	5.0 <sup>E,U</sup>	6.2 <sup>N</sup>	5.3 <sup>P,U</sup>	0.9	O. Oftedal (unpublished data); Wilson and Hirst (1977)
Muskox ( <i>Ovibus moschatus</i> )	6	~100	28.5	14.3 <sup>E</sup>	8.7 <sup>N*</sup>	3.6 <sup>R</sup>	1.2	R. Jenness (personal communication)
Rocky mountain goat ( <i>Oreamnos americanus</i> )	28	14–35	18.0	7.0 <sup>E</sup>	6.5 <sup>N</sup>	4.5 <sup>P</sup>	0.7	Carl and Robbins (1988)
Dall sheep ( <i>Ovis dalli</i> )	4	21–42	22.9	9.5 <sup>E</sup>	7.2 <sup>N</sup>	5.3 <sup>R</sup>	0.9	Cook <i>et al.</i> (1970)
Eland ( <i>Taurotragus oryx</i> )	11	30–60	21.9	9.9 <sup>U</sup>	6.3 <sup>U</sup>	4.4 <sup>U</sup>	1.1	Treus and Kravchenko (1968)
<b>Rodentia</b>								
Castoridae								
European beaver ( <i>Castor fiber</i> )	14	10–50	34.1	19.0 <sup>V</sup>	11.2 <sup>N*</sup>	1.7 <sup>M</sup>	1.1	Zurowski <i>et al.</i> (1974)
Muridae								
Golden hamster ( <i>Mesocricetus auratus</i> )	6	Mid	22.6	4.9 <sup>U</sup>	9.4 <sup>N</sup>	4.9 <sup>P</sup>	1.4	Jenness and Sloan (1970)
House mouse ( <i>Mus musculus</i> )	5	9–10	40.8	27.0 <sup>C*</sup>	12.5 <sup>N</sup>	2.6 <sup>R</sup>	—	Knight <i>et al.</i> (1986); Baverstock <i>et al.</i> (1976)
Spinifex hopping mouse ( <i>Notomys alexis</i> )	3–12	8–14	29.3	15.0 <sup>E</sup>	5.5 <sup>D</sup>	2.6 <sup>R</sup>	—	Baverstock <i>et al.</i> (1976)
Fawn-colored hopping mouse ( <i>Notomys cervinus</i> )	3–7	8–14	30.2	10.3 <sup>E</sup>	5.6 <sup>D</sup>	2.3 <sup>R</sup>	—	Baverstock <i>et al.</i> (1976)
Mitchell's hopping mouse ( <i>Notomys mitchelli</i> )	2–4	8–14	33.3	7.5 <sup>E</sup>	6.5 <sup>D</sup>	2.7 <sup>R</sup>	—	Baverstock <i>et al.</i> (1976)
Eastern native mouse ( <i>Pseudomys australis</i> )	6–7	7–12	25.4	12.1 <sup>E</sup>	6.4 <sup>D</sup>	3.6 <sup>R</sup>	—	Baverstock <i>et al.</i> (1976)
Brown or Norway rat ( <i>Rattus norvegicus</i> )	3–18	8–17	22.1	8.8 <sup>E</sup>	8.1 <sup>N*</sup>	3.8 <sup>R</sup>	1.2	Luckey <i>et al.</i> (1955); Glass (1956); Venkatachalam and Ramanathan (1964)

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<b>Caviidae</b>								
Guinea pig ( <i>Cavia porcellus</i> )	10	4–9	17.5	5.7 <sup>E</sup>	6.3 <sup>N*</sup>	4.8 <sup>P</sup>	0.8	Oftedal (1981); Nelson et al. (1951)
<b>Chinchillidae</b>								
Chinchilla ( <i>Chinchilla laniger</i> )	60	3–7	—	11.2 <sup>E</sup>	7.3 <sup>N</sup>	1.7 <sup>M</sup>	1.0	Volcani et al. (1973)
<b>Echimyidae</b>								
Punare ( <i>Thrichomys apereoides</i> )	18–30	7–14	—	22.3 <sup>C</sup>	11.0 <sup>D</sup>	4.4 <sup>R</sup>	—	Meyerson-McCormick et al. (1990)
<b>Lagomorpha</b>								
<b>Leporidae</b>								
European brown hare ( <i>Lepus capensis</i> )	30	2–26	32.5	15.6 <sup>E</sup>	10.0 <sup>N</sup>	1.5 <sup>Z</sup>	—	Lhuillery et al. (1984)
Rabbit ( <i>Oryctolagus cuniculus</i> )	56	5–21	31.2	15.2 <sup>C*</sup>	10.3 <sup>N</sup>	1.8 <sup>M</sup>	1.8	Cowie (1969); Coates et al. (1964)
Eastern cottontail rabbit ( <i>Sylvilagus floridanus</i> )	4	12–15	35.2	14.4 <sup>E</sup>	15.8 <sup>N</sup>	2.7 <sup>M</sup>	2.1	Anderson et al. (1975)

<sup>a</sup>Fat: <sup>E</sup>extraction with solvents, and gravimetric determination of fat, such as by Roese-Gottlieb and Folch methods (AOAC, 1990); <sup>V</sup>volumetric measurement of fat after separation of fat in concentrated acid, such as Babcock and Gerber methods (see Jenness and Patton, 1959); <sup>C</sup>measurement of cream layer in capillary tube after centrifugation, such as by methods of Fleet and Linzell (1964) and Ganguli et al. (1969); <sup>C\*</sup>measurement of cream layer, as above, but procedure calibrated for species being studied using extraction or volumetric procedures; <sup>S</sup>spectrophotometric measurement of lipids, such as by methods of Stern and Shapiro (1953) and Zöllner and Kirsch (1962); <sup>D</sup>Other lipid methods; <sup>U</sup>uncertain methodology, as no description of analytical procedures available.

<sup>b</sup>Protein: <sup>N</sup>total nitrogen multiplied by 6.38, as assayed by the Kjeldahl procedure and various modifications (including the Nessler procedure; Koch and McMeekin 1924); <sup>N\*</sup>protein nitrogen (TN-NPN) multiplied by 6.38, as assayed by the Kjeldahl procedure and various modifications; <sup>D</sup>dye-binding methods, such as the procedures using amido black (Weidner and Jakobsen, 1966) and Coomassie brilliant blue (Bradford, 1976; Sedmark and Grossberg, 1977); <sup>L</sup>Lowry method (Lowry et al., 1951); <sup>T</sup>Biuret method, such as Gornall et al. (1949); <sup>U</sup>uncertain methodology, as no description of analytical procedures available.

<sup>c</sup>Sugars: <sup>P</sup>phenol-sulfuric acid method (Marier and Boulet, 1959; Messer and Green, 1979); <sup>R</sup>reducing sugar methods such as copper precipitation method (Munson and Walker, 1906), copper titration method (Folin and Wu, 1919), picric acid method (Perry and Doan, 1950), and chloramine-T method (see Jenness and Patton, 1959); <sup>A</sup>anthrone method, such as Morris (1948); <sup>Z</sup>enzymatic methods specific for lactose (e.g., Bahr, 1972); <sup>M</sup>miscellaneous other methods; <sup>U</sup>uncertain methodology, as no description of analytical procedures available.