Appendix I. Information on trace elements in blood of mule deer (*Odocoileus hemionus* ssp.) has appeared in the literature infrequently. Anderson and Medin (1972) reported results for a single population in Colorado; DelGiudice et al. (1990) for a single population in Arizona; Roug et al. (2015) for 7 regions of California exclusive of the Mojave Desert; and Myers et al. (2015) for 4 regions of Washington. Concentrations of all analytes appear as reported by the investigators and may not be directly comparable to units (ppm, mEq/L) reported in this paper.

Investigators	**Analyte**	**N** (♂; ♀)	$\bar{x}$ (♂; ♀)	**Range** (♂; ♀)
Anderson and Medin (1982)[a]	Sodium[d]	32; 65	148.5; 148.8	109–180; 116–190
Anderson and Medin (1982)[a]	Potassium[d]	32; 65	8.88; 8.74	4.4–15.7; 3.6–13.3
Anderson and Medin (1982)[a]	Calcium[d]	25; 45	6.44; 6.13	3.4–8.4; 3.6–8.1
Anderson and Medin (1982)[a]	Magnesium[d]	32; 65	3.11; 3.34	0.9–5.4; 1.5–7.2
Anderson and Medin (1982)[a]	Phosphorus[e]	21; 32	7.27; 7.82	6.10–10.40; 4.70–20.20
DelGiudice et al. (1990)[b]	Sodium[f]	9[l]	149[l]	136–158[l]
DelGiudice et al. (1990)[b]	Potassium[f]	9[l]	5.7[l]	4.5–7.0[l]
DelGiudice et al. (1990)[b]	Calcium[g]	5; 5	10.1[l]	9.1–11.6[l]
DelGiudice et al. (1990)[b]	Phosphorus[g]	5; 5	73[l]	57–84[l]
Roug et al. (2015)[c]	Selenium[h]	18; 88	—	0.01–0.71[l]
Roug et al. (2015)[c]	Copper[i]	19; 88	—	0.38–2.10[l]
Roug et al. (2015)[c]	Zinc[i]	19; 88	—	0.51–3.40[l]
Roug et al. (2015)[c]	Iron[i]	19; 88	—	0.52–13.00[l]
Myers et al. (2015)[c,j]	Selenium[k]	6[l,m]	0.20[l,n]	0.05–0.38[l,o]
Myers et al. (2015)[c,j]	Calcium[k]	6[l,m]	97.81[l,n]	93.00–100.80[l,o]
Myers et al. (2015)[c,j]	Phosphorus[k]	6[l,m]	78.58[l,n]	64.31–86.99[l,o]
Myers et al. (2015)[c,j]	Copper[k]	6[l,m]	0.72[l,n]	0.65–0.85[l,o]
Myers et al. (2015)[c,j]	Zinc[k]	6[l,m]	0.75[l,n]	0.67–0.82[l,o]
Myers et al. (2015)[c,j]	Magnesium[k]	6[l,m]	31.61[l,n]	27.23–34.11[l,o]

[a]Deer ≥1.5 years-of-age
[b]Adult deer only
[c]Age of deer not specified
[d]Units reported as mEq/L by Anderson and Medin (1982)
[e]Units reported as mg/100cc by Anderson and Medin (1982)
[f]Units reported as mEq/L by DelGiudice et al. (1990)
[g]Units reported as mg/dL by DelGiudice et al. (1990)
[h]Units reported as mg/kg by Roug et al. (2015)
[i]Units reported as mg/L by Roug et al. (2015)
[j]98 samples for selenium, and 97 samples for each of the other analytes reported by Myers et al. (2015)
[k]Units reported as µg/g by Myers et al. (2015)
[l]Males and females combined
[m]Sample size is the number of independent sample means
[n]Weighted arithmetic mean ($\bar{x}_w$) of six independent sample means
[o]Range of all values among the six independent sample means