

### Table 1.7.8: Molecular Weight of the Hemoglobin of Selected Animals

In the case of the hemoglobin of invertebrates, which is not stored in the blood corpuscles, just a relatively small number of larger molecules allow for a high level of oxygen capacity (see also Table 1.7.9) without a marked increase in the osmotic pressure of the blood or hemolymph. On this, cf. also Table 5.3.

From HEIDERMANNS 1957

Species	Molecular weight
Earthworm	3,000,000
Great ramshorn snail ( <i>Planorbis</i> )	1,540,000
Lamprey	19,100
Lugworm ( <i>Arenicola</i> )	3,000,000
Midge larvae ( <i>Chironomus</i> )	31,500
Mussel ( <i>Arca</i> )	33,000
Vertebrates	68,000
Water flea	400,000