







**Table 13-1** Total oxygen stores, mean dive time, and mean dive depth in diving vertebrates

Species	O <sub>2</sub> stores (ml · kg <sup>-1</sup> )	Mean dive time (minutes)	Mean depth of dive (meters)
Leatherback turtle	20	11	60
Emperor penguin	62	6	100
Weddell seal	87	15	100
Northern elephant seal	97	20	400
Human*	20	2	Shallow

\*Leatherback turtles have oxygen stores similar to those of humans, but can dive for much longer times because they use oxygen at a lower rate.  
Source: Kooyman et al., 1999.





