

Appendix 6A. Severity scoring table from Miller et al (2012)

Table 1. The Southall et al. (2007) severity scale with modifications used in this study; brief < minor < moderate < prolonged in terms of both duration and severity of the behavioral change, where moderate has a duration roughly equal to the duration of the exposure.

Score	Behavioral responses
0	<ul style="list-style-type: none"> • No observable response
1	<ul style="list-style-type: none"> • Brief orientation response
2	<ul style="list-style-type: none"> • Moderate or multiple orientation responses • <i>Brief or minor changes in respiration rates</i>
3	<ul style="list-style-type: none"> • <i>Prolonged orientation behavior</i> • Minor change in locomotion (speed/direction) and or dive profile but no avoidance of sound source • Minor cessation/modification of vocal behavior
4	<ul style="list-style-type: none"> • Moderate change in locomotion (speed/direction) and or dive profile but no avoidance of sound source • Brief avoidance of sound source
5	<ul style="list-style-type: none"> • Extended change in locomotion (speed/direction) and or dive profile but no avoidance of sound source • Minor avoidance of sound source
6	<ul style="list-style-type: none"> • Moderate avoidance of sound source • Extended cessation or modification of vocal behavior • Visible startle response • Moderate cessation of feeding • Prolonged shift in group distribution
7	<ul style="list-style-type: none"> • Prolonged cessation of feeding • Moderate separation of female and dependent offspring • Severe and or sustained avoidance of sound source
8	<ul style="list-style-type: none"> • <i>Obvious aversion and/or progressive sensitization</i> • <i>Long-term avoidance of area</i>
9	<ul style="list-style-type: none"> • <i>Outright panic, flight, stampede, attack of conspecifics, or stranding event</i>

Original responses as described and scored in the Southall et al. (2007) table. Behavioral changes in *italic* type were described in the Southall et al. table but were never scored in this study. Behavioral changes in **bold** type were amendments or modifications made to the scale.