

Amphibian Survey Methods

From: Heyer WR, et al., eds. 1994. Chapter 6: Standard techniques for inventory and monitoring. in: *Measuring and Monitoring Biological Diversity: Standard Methods for Amphibians*. Smithsonian Inst. Press, Washington D.C.

Technique	Information gained	Time	Cost	Personnel
Complete species inventory	Species richness	high	low	Low
Visual encounter survey	Relative abundance	low	low	Low
Audio strip transect	Relative abundance	medium	medium	low
Quadrat sampling	Density	high	low	medium
Transect sampling	Density	high	low	medium
Patch sampling	Density	high	low	Medium
Straight-line drift fences & pitfall traps	Relative abundance	high	high	High
Surveys at breeding sites	Relative abundance	medium	low	Medium
Drift fences at breeding sites	Relative abundance	high	high	High
Quantitative sampling of larvae	Density or rel.abundance	medium	medium	medium