Table 1. Summary statistics (mean, standard deviation, median and 95% credibility intervals) of the posterior distribution of each population and management parameter resulting from a Bayesian assessment of scaup population and harvest dynamics based on data from 1974 to 2005.

Parameter	mean	Sd	2.50%	50%	97.50%
r	0.110	0.063	0.022	0.097	0.271
K (millions)	8.236	1.773	5.727	7.880	12.210
MSY (millions)	0.212	0.097	0.048	0.201	0.437
$\sigma^2_{Process}$	0.008	0.004	0.002	0.007	0.018
PopMSY	4.118	0.886	2.863	3.940	6.105
q	0.541	0.043	0.461	0.539	0.630
MSY (millions)*	0.389	0.171	0.093	0.372	0.784
Deviance	90.926	12.370	68.089	90.415	117.000

*Observed scale.

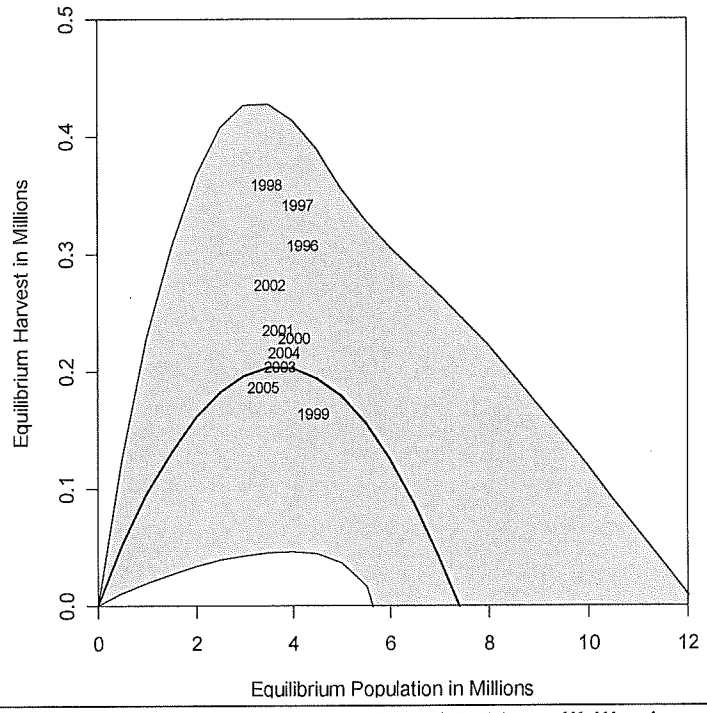

Figure 2. Average sustainable scaup harvest levels and 95% credibility intervals (gray shading) and corresponding equilibrium population sizes estimated with the Bayesian analysis. The years represent the observed breeding population sizes and total harvest levels that have been adjusted with the scaling parameter (q).