

	Lochnagar	Redon	Gossenköllesee	Skalnate Pleso <sup>a</sup>	
Atmospheric deposition					
Sampling period	Jun 2004–Mar 2007	May 2004–Sep 2006	Jun 2004–Aug 2006	May 2004–May 2006	
$\sum$ PAH	25	9.6	16	120	
Sediment fluxes					
Sampling year	2001	1991	1998	1991	2001
Sampling site	Lochnagar	Redón	Gossenköllesee	Starolenianske Pleso	Ladove Pleso
Catchment area (ha)	109	155	85	3.2	14.4
Lake area (ha)	10.4	24	1.7	0.71	1.7
$\sum$ PAH concentration (ng g <sup>-1</sup> dw)	4000	680	780	18 000	8700
$\sum$ PAH total fluxes	480	120	125	3000	1400
$\sum$ PAH total fluxes (estimated) <sup>b</sup>	260	62	780	452	850
$\sum$ PAH ratio (measured / calculated) <sup>c</sup>	0.54	0.52	6.2	0.18	0.73