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**Todd Fisher\*** ([tfisher@math.umd.edu](mailto:tfisher@math.umd.edu)), Department of Mathematics, Mathematics Building,  
University of Maryland, College Park, MD 20742-4015. *The Topology of Hyperbolic Attractors on  
Compact Surfaces.*

Suppose  $M$  is a compact surface and  $\Lambda \subset M$  is a nontrivial mixing hyperbolic attractor for some  $f \in \text{Diff}(M)$ . We show that if  $\Lambda$  is a hyperbolic set for some  $g \in \text{Diff}(M)$ , then  $\Lambda$  is a nontrivial mixing hyperbolic attractor or repeller for  $g$ . (Received March 01, 2006)