

**FYRES: Dunes Research Report:** Burkley, Katie, Abigail Hocking, Barak Howell, Eric Medema, Joel Newswanger, Cal Thorne, and Angela Tiemeyer (2014). “Blowouts and Unmanaged Trails in Hoffmaster State Park, Michigan.” FYRES: Dunes Research Report #11. Grand Rapids (MI): Department of Geology, Geography and Environmental Studies, Calvin College. 18 p.

**Abstract:** Dune systems in public parks can be exposed to the pressures of high recreational use, but few studies have investigated the resulting changes to the dunes. Our study focused on human impacts at Hoffmaster State Park, MI by investigating the unmanaged trails and blowouts along a dune ridge. We mapped all trail segments with GPS, recorded their characteristics, and categorized each segment as either leading into a blowout, near a blowout, or not near a blowout. We mapped all blowouts with GPS including their deflation