

**AQUATIC NUISANCE SPECIES GEODATABASE FOR REGION 4 AND  
BEYOND**

**April, 2008**

**Geodatabase = "Invasives08"**

	<b>Layer Name</b>	<b>Data Source</b>	<b>Compiler</b>	<b>Comments</b>
<b>New Zealand mudnails</b>	NZMS_gustafson_08	Montana State University	Dan Gustafson	point coverage
	NZMS_vinson_08	BLM/USU National Aquatic Monitoring Center, Logan	Mark Vinson	point coverage
<b>Didymo</b>	Didymo_08	USGS, Denver	Sarah Spaulding	point coverage
<b>Whirling Disease</b>	Whirling_UT_08	UDWR Fisheries Experiment Station, Logan	Chris Wilson	point coverage
	Whirling_WY_STREAMS	Wyoming Game & Fish	Dennis Oberlie	arcs coverage (apprx 3 years old)
	Whirling_WY_PTS	Wyoming Game & Fish	Dennis Oberlie	point coverage (apprx 3 years old)
	Whirling_ID_STREAMS	Idaho Fish & Game Fish Health Lab, Eagle	Keith Johnson (IFG); John Chatel put data into GIS	arcs coverage
	Whirling_ID_LAKES	Idaho Fish & Game Fish Health Lab, Eagle	Keith Johnson (IFG); John Chatel put data into GIS	polygon coverage

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	Whirling_ID_08	Idaho Fish & Game Fish Health Lab, Eagle	Doug Munson	point coverage
<b>Zebra/Quagga mussels</b> ( <i>Dreissena</i> )	DREISS_MUSSELS_PSU	Portland State University, Center for Lakes & Reservoirs	Steve Wells	point coverage
<b>Eurasian Watermilfoil</b>	MILFOIL_UT_NV	UDWR, USGS		point coverage
	MILFOIL_ID_08	Idaho Dept of Agriculture	Tom Woolf	point coverage
<b>Hydrilla, Elodea, etc.</b>	OTHER_AQ_INV_PLANTS_ID_08	Idaho Dept of Agriculture	Tom Woolf	point coverage
<b>Chytrid Fungus</b> ( <i>Batrachochytrium dendrobatidis</i> )	CHYTRID_UT	UDWR	Krissy Wilson (UDWR)	point coverage
	CHYTRID_NV_WY_08	USGS, San Diego Zoo, USFS	PNW Research Station (USFS)	
<b>Red-rimmed Melanoides (a snail)</b>	Melanoides_vinson	BLM/USU National Aquatic Monitoring Center, Logan	Mark Vinson	point coverage
<b>Asian Clams</b>	Corbicula_vinson	BLM/USU National Aquatic Monitoring Center, Logan	Mark Vinson	point coverage

**Notes:**

A map maker can access this geodatabase by using the "Add Data" icon in ArcMap or ArcView and pointing to the "invasives08.mdb" file wherever you have stored it.

Layer names with a '08' have been updated from last year; layer names without a '08' are unchanged. I renamed all the layers to make them easier to intuit.

These are a few of the major species, although Asian clams are not considered particularly alarming at this time.

Whirling disease for Utah is current as of Fall 2007, with four or five sites new to the 2008 geodatabase. Wyoming's data are about 3 years old, and are not changed. There have been no new positive sites in Idaho's whirling disease occurrences except for Fall River (see Whirling\_ID\_08).

NZ mudsnail information occurs in two databases, which overlap but not completely. So if you display both of them there will be some duplication. These data are the latest (as of April 2008) from both sources. Use the Montana State University website to cross check for newer data.  
(<http://www.esg.montana.edu/aim/mollusca/nzms/status.html>)

Data for Nevada have been difficult to obtain. Little is known, apparently, about spatial distribution of whirling disease in NV. However, new chytrid fungus data were graciously provided by the PNW Research Station's chytrid mapping effort (<http://www.parcplace.org/bdmap2008update.html>) for both NV and WY (Idaho is coming soon). As for the other species, NV has either not been studied or they don't occur there.