

# OGLA Aquatic Species at Risk - Quick Reference

valid from December 2006 until June 2007

**Table 1: Ontario Schedule 1 Aquatic Species At Risk**

			DFO - OGLA District Office										
Scientific Name	Common Name	COSEWIC Status*	SARA Schedule										
				Sarnia	Burlington	Kenora	Thunder Bay	Parry Sound	Peterborough	Prescott	SSM	Sudbury	
<b>FISHES</b>													
1. <i>Erimystax x-punctatus</i>	Gravel Chub	EXT	1										
2. <i>Polyodon spathula</i>	Paddlefish	EXT	1										
3. <i>Salvelinus fontinalis timagamiensis</i>	Aurora Trout	END	1									Y	
4. <i>Notropis anogenus</i>	Pugnose Shiner	END	1	Y							Y		
5. <i>Noturus stigmosus</i>	Northern Madtom	END	1	Y									
6. <i>Ammocrypta pellucida</i>	Eastern Sand Darter	THR	1	Y	Y								
7. <i>Erimyzon sucetta</i>	Lake Chubsucker	THR	1	Y	Y								
8. <i>Lepisosteus oculatus</i>	Spotted Gar	THR	1	Y						Y			
9. <i>Coregonus zenithicus</i>	Shorljaw Cisco	THR	1	Y		Y	Y	Y	Y		Y	Y	
10. <i>Percina copelandi</i>	Channel Darter	THR	1	Y					Y	Y			
11. <i>Fundulus notatus</i>	Blackstripe Topminnow	SC	1	Y									
12. <i>Lepomis gulosus</i>	Warmouth	SC	1	Y									
13. <i>Macrhybopsis storeriana</i>	Silver Chub	SC	1	Y									
14. <i>Milytremia melanops</i>	Spotted Sucker	SC	1	Y									
15. <i>Notropis bifrenatus</i>	Bridle Shiner	SC	1							Y			
16. <i>Opsopoeodus emiliae</i>	Pugnose Minnow	SC	1	Y									
<b>MUSSELS</b>													
1. <i>Simpsonia ambigua</i>	Mudpuppy Mussel	END	1	Y									
2. <i>Epiblasma torulosa rangiana</i>	Northern Riffleshell	END	1	Y									
3. <i>Villosa fabalis</i>	Rayed Bean	END	1	Y									
4. <i>Epiblasma triquetra</i>	Snuffbox	END	1	Y									
5. <i>Lampsilis fasciola</i>	Wavyrayed Lampmussel	END	1	Y	Y								
6. <i>Ptychobranchius fasciolaris</i>	Kidneyshell	END	1	Y	Y								
7. <i>Obovaria subrotunda</i>	Round Hickorynut	END	1	Y									
8. <i>Pleurobema sintoxia</i>	Round Pigtoe	END	1	Y	Y								
<b>Total Species at Risk per district</b>				<b>20</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>1</b>	<b>2</b>	

**Table 2: Earliest anticipated Ontario Schedule 1 Aquatic Species At Risk for 2006 and 2007**

			DFO - OGLA District Office										
Scientific Name	Common Name	COSEWIC Status*	Anticipated Schedule 1										
				Sarnia	Burlington	Kenora	Thunder Bay	Parry Sound	Peterborough	Prescott	SSM	Sudbury	
<b>FISHES</b>													
<i>Coregonus reighardi</i>	shortnose cisco	END	2007				Y						
<i>Moxostoma duquesnei</i>	black redbhorse	THR	2007	Y	Y								
<i>Coregonus nigripinnis</i>	blackfin cisco	THR	2007				Y		Y			Y	
<i>Myoxocephalus thompsonii</i>	deepwater sculpin	THR	2007		Y		Y	Y				Y	
<i>Anguilla rostrata</i>	American eel	NR	2007		Y				Y	Y			
<i>Salmo salar</i>	Atlantic salmon	NR	2007		Y				Y	Y			
<i>Acipenser fulvescens</i>	lake sturgeon	SC	2007	Y	Y	Y	Y	Y	Y	Y	Y	Y	
<b>MUSSELS</b>													
<i>Villosa iris</i>	rainbow	NR	2007	Y	Y				Y	Y			
<i>Quadrula quadrula</i>	mapleleaf	NR	2007	Y	Y								
				<b>4</b>	<b>7</b>	<b>1</b>	<b>4</b>	<b>2</b>	<b>5</b>	<b>4</b>	<b>1</b>	<b>3</b>	

\*COSEWIC releases updated Status Reports May of each year  
**NOTE:** Y= species present in the district, NR = Not Ranked

Version date: April 11, 2006

**\*\*Please Note, if you have any questions regarding this information please contact your Designated Biologist or your local DFO District Office**

### SARA Tips while reviewing under the habitat sections of the *Fisheries Act*

- The SARA prohibitions that DFO - OGLA are concerned about are:
  - *Section 32* which prohibits the killing, harming, harassing, possessing, buying or selling of an Extirpated, Endangered or Threatened Schedule 1 species.
  - *Section 33* which prohibits the damage or destruction of residences of Extirpated, Endangered or Threatened Schedule 1 species.
  - *Section 58* which prohibits the destruction of critical habitat of any Extirpated, Endangered or Threatened Schedule 1 species.
- EXT = Extirpated, END = Endangered, THR = Threatened, SC= Special concern.
- SARA prohibitions (Sections 32, 33 & 58) apply only to Schedule 1 EXT, END and THR species, not SC species.
- Concern over *extirpated species* should only occur when there is a recommendation for the reintroduction of the species into Canada via a SARA compliant Recovery Strategy, which is yet to happen.
- Within a SARA review, concern over *critical habitat* should only occur when a SARA compliant Recovery Strategy or Action Plan clearly defines the critical habitat of the species in question. Recovery Strategies are being developed and when completed are available at [www.sararegistry.gc.ca](http://www.sararegistry.gc.ca).
- To date, no species in Ontario are considered to have a residence as defined by SARA; therefore the residence prohibition presently does not apply.
- To date, most typically accepted methods to mitigate the killing or harming of fishes should satisfy the needs of Section 32 of SARA. Further mitigation measures are currently being developed and approved regarding mussels.
- SARA template letters are available in HRTS/PATH.
- If the impacts to fish habitat can be mitigated through a letter of advice, then any issues regarding the SARA prohibitions should also have been mitigated by that same advice.
- Level one and two Conservation Authorities (CA's) have no obligations under SARA with respect to our partnership agreements.
- Level three CA's should notify DFO early in the proposal review process if a *Fisheries Act* authorization or a review under SARA is needed.
- If issuing a *Fisheries Act* authorization where the in-water work timelines extend into 2006, consider aquatic SAR in Table 2 as well. The SARA prohibitions will apply to Table 2 species if successfully added to Schedule 1.
- If issuing a *Fisheries Act* authorization where the in-water work timelines extend beyond 2006, consult the Long Term Recovery Planning Framework table for the legal listing decision deadline dates to determine potential species that may be added to Schedule 1. This framework can be located at [http://oceans.nrc.dfo-mpo.gc.ca/habitat/sara/orient\\_e.asp](http://oceans.nrc.dfo-mpo.gc.ca/habitat/sara/orient_e.asp)
- Environment Canada is the SARA lead for non-aquatic SAR and, as such, has their own notification and review process in Ontario for areas that concern them.
- If you become aware of a non-aquatic SAR in the proposal site area, there are two options, 1] suggest that the proponent contact Environment Canada if DFO is issuing a letter of advice, or 2] send a notification letter to Environment Canada as required under a CEAA review if DFO is issuing a *Fisheries Act* authorization.
- Issuing SARA permits as a component of a *Fisheries Act* authorization involves a series of strict preconditions as laid out in Section 73 of SARA which must be met and not generally recommended. Additional mitigation measures, if needed, should be incorporated into a *Fisheries Act* authorization in order to be in compliance with the SARA prohibition Sections 32, 33 and 58.
- Tools to facilitate the implementation of SARA are available, such as the Ontario Aquatic Map Explorer, SAR Fact Sheets, The Baitfish Primer, and various watershed-based SAR posters.
- Further information on SARA can be found at: [http://oceans.nrc.dfo-mpo.gc.ca/habitat/sara/home\\_e.asp](http://oceans.nrc.dfo-mpo.gc.ca/habitat/sara/home_e.asp), [www.sararegistry.gc.ca/](http://www.sararegistry.gc.ca/), [www.speciesatrisk.gc.ca/](http://www.speciesatrisk.gc.ca/), [www.on.ec.gc.ca/speciesatrisk](http://www.on.ec.gc.ca/speciesatrisk).
- Discuss any questions/comments/concerns regarding aquatic SAR in Ontario with the OGLA SARA Coordinator.

