2009-2011 Lake Sunapee Aquatic Plant Survey[1]

Aquatic Plant Species Identified		Survey Areas																																											
Scientific Names	**Common Names**	**1A**	**1B**	**1C**	**2**	**3**	**4**	**4 Cove at South End**	**5**	**6A**	**6B Cove North of Redwater Creek**	**6B Redwater Creek Area**	**6B Cove South of Redwater Creek**	**7A & B**	**8**	**9**	**10**	**11A, B & C**	**12**	**13**	**14**	**15A & B**	**16A**	**16B**	**17A & B**	**18A & B**	**19A**	**19A Broom Pond**	**19B**	**20A**	**20B**	**21**	**22A**	**22B**	**23A**	**23B**	**24**	**25**	**26A**	**26B**	**26C**	**27 Great Island**	**27 Little Island**
Brasenia schreberi	watershield				x					x	x	x		x						x		x	x		x	x	x	x				x					x						
Callitriche heterophylla	water starwort				x																							x															
Callitriche verna	water starwort				x													x							x																		
Callitriche species	water starwort, native (not speciated)											x	x					x	x						x			x								x						
Chara spp. (Clorophyta)	muskgrass, not speciated (green alga, macroalga)									x																																	
Dulichium arundinaceum	sedge, three way											x													x																		
Elatine minima	waterwort	x	x	x		x	x		x		x			x	x	x		x	x	x	x	x	x		x		x		x	x	x	x	x	x	x	x		x	x			
Eleocharis acicularis	spikerush, needle	x	x	x	x	x	x	x	x		x	x		x				x	x	x	x	x	x	x	x		x		x	x	x	x	x	x	x	x		x	x	x	x	
Eleocharis species	spikerush, native (not speciated)										x	x		x											x	x	x									x						
Elodea canadensis	waterweed, common																	x																	x						
Elodea nutallii	waterweed, Nutall's				x		x				x			x				x	x	x	x	x			x		x	x								x				x		
Elodea species	waterweed, native (not speciated)				x			x																	x	x																
Equisetum species	horsetail, not speciated															x																										
Eriocaulon aquaticum	pipewort	x	x			x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Fontinalis spp.	aquatic moss, not speciated	x		x			x	x		x		x	x			x	x	x	x				x	x	x	x				x		x				x	x			x	x	x
Glyceria borealis	rice-cut grass													x													x														x		
Gratiola aurea	hyssop, dwarf								x		x		x	x		x		x					x		x	x	x			x	x		x	x	x	x				x	x	x
Isoetes echinospora	spiny-spored quillwort	x				x		x				x																					x							x			
Isoetes spp.	quillwort, not speciated				x		x				x			x				x				x			x		x																
Juncus pelocarpus	rush, brown-fruited or mud	x	x		x	x	x	x			x			x				x	x	x	x				x		x				x	x	x	x	x		x	x	x	x	x		
Juncus species	rush, not speciated													x		x																											
Lemna minor	duckweed, lesser				x																																						
Lobelia dortmanna	water lobelia				x		x		x	x	x			x		x	x	x	x	x	x	x	x		x	x	x		x	x	x	x	x	x	x	x				x	x	x
Ludwigia species	water-purslane																										x															
Lysimachia terrestris	swamp candles											x																														
Macroalgae, not *Nitella or Chara*	algae						x		x	x	x					x																				x						
Myosotis scorpioides	forget-me-not, true				x			x				x															x									x				x		
Myriophyllum farwellii	milfoil, Farwell's																					x																				
Myriophyllum humile	milfoil, low water				x									x				x				x			x			x														
Myriophyllum humile, fragments	milfoil, low water - fragments	x	x	x																																x		x		x		
Myriophyllum species	milfoil, native (not speciated)					x												x																								
Myriophyllum species (unknown, suspicious)	milfoil, native (unknown, suspicious, not speciated)																								x																	
Myriophyllum tennellum	water milfoil, dwarf or leafless	x									x							x		x	x	x					x					x	x					x			
Najas flexilis	water nymph, slender				x	x		x			x	x	x	x				x	x					x	x		x			x		x	x		x		x					
Najas gracillima	water nymph, grass-like									x																	x										x	x			x		
Najas species	water nymph, native (not speciated)				x				x									x							x	x										x						
Nitella spp. (Chlorophyta)	stonewort, not speciated (green alga, macroalga)				x	x								x				x						x			x	x													x		
Nuphar variegata	spatterdock				x			x			x	x										x			x			x														
Nymphaea odorata	water lily, fragrant or white													x			x					x					x	x								x						
Nymphoides cordata	little floating heart										x	x		x						x								x								x						
Pontederia cordata	pickerelweed							x						x											x											x						
Porifera (Order), freshwater	sponge, freshwater	x							x								x	x				x	x	x		x			x	x	x	x			x	x				x	x
Potamogeton berchtoldii	pondweed, small leaved	x			x	x	x				x	x		x	x			x	x	x	x	x					x						x	x					x		
Potamogeton bicupulatus	pondweed, northern snail seed							x			x	x		x				x	x						x		x							x								
Potamogeton epihydrus	pondweed, ribbon leaf				x			x	x	x	x	x		x				x				x			x	x	x									x				x		
Potamogeton gemmiparus	pondweed, slender				x																																						
Potamogeton gramineus	pondweed, variable			x	x						x											x					x				x				x							
Potamogeton natans	pondweed, floating leaf											x															x	x															
Potamogeton pusillus	pondweed, small										x						x						x	x	x																		
Potamogeton spirillus	pondweed, spiral fruited (snail seed)							x			x	x		x		x		x							x		x									x						
Potamogeton spp. (native)	pondweed (native), not speciated				x			x	x	x			x			x		x	x		x			x	x											x	x			x	x
Ranunculus reptans	spearwort, creeping																					x			x																	
Sagittaria graminea	arrowhead																			x							x															
Sagittaria latifolia	arrowhead, common							x			x	x										x																				
Sagittaria spp.	arrowhead, not sterile rosettes; not speciated																											x														
Sagittaria spp., sterile rosettes	arrowhead, sterile rosettes; not speciated	x	x		x	x	x	x	x		x		x	x		x		x	x	x	x		x	x	x		x		x			x	x		x	x	x		x	x		
Sium suave	water-parsnip	x			x			x	x	x		x	x												x		x						x		x	x				x		
Sparganium americanum	burr-reed, Eastern							x				x		x								x			x																	
Sparganium angustifolium	burr-reed, narrow-leaved																					x																				
Sparganium fluctuans	burr-reed, floating-leaved					x		x				x																														
Sparganium spp., emergent	burr-reed, emergent; not speciated				x					x			x	x									x													x	x	x				
Sparganium spp., submersed	burr-reed, submersed; not speciated	x	x	x	x	x	x			x	x	x	x	x	x			x	x	x		x			x		x	x						x	x		x	x	x	x	x	x	
Sparganium spp., various floating leaved	burr-reed, various floating leaved; not speciated				x							x														x		x								x						
Spirodela polyrrhiza	duckweed, greater				x																																					
Subularia aquatica var. *americana*	awlwort	x	x	x	x	x			x		x			x	x	x	x	x	x	x	x	x			x		x									x	x		x	x	x	x	
Not formally identified[2]	thread-like, long, sterile submersed growth[2]				x																				x																	
Typha latifolia	cattail, common				x									x																												
Typha species	native cattail, not speciated												x	x								x					x															
Utricularia gibba	bladderwort, small																					x																				
Utricularia intermedia	bladderwort, northern													x									x	x	x			x														
Utricularia macrorhiza	bladderwort, common				x			x				x							x						x			x				x										
Utricularia purpurea	bladderwort, large purple							x					x									x																				
Utricularia radiata	bladderwort, floating				x						x			x				x	x			x			x		x													x		
Utricularia species	native bladderwort, not speciated										x			x				x					x		x																	
Valisneria americana	wild celery					x			x	x			x	x		x	x	x					x	x	x	x	x	x		x	x	x	x				x				x		
Approximate number of species found in survey area[3, 4]		14	8	7	32	14	12	21	14	13	27	25	12	33	5	13	9	29	17	14	11	26	14	12	38	13	30	18	5	11	10	15	13	12	18	17	20	7	7	7	20	12	6

NOTES:

[1] Information in this table is from surveys done by R. Wood and L. Callahan

[2] Thread-like, long, sterile submersed growth can possibly be a sterile form of *Eleocharis robbinsii* , *Juncus militaris* or *Schoenoplectus subterminalis* . Specific ID possible if emergent flowering stuctures present.

[3] Number of species is approximate - at some sites there were unspeciated and speciated observations of some genera which could possibly be the same species.

[4] Number of occurences is approximate; some WW subsections were not surveyed as separate sections in 2009 and some sections that had distinctly different portions (like Broom's Pond in WW 19A) were entered separately in the spreadsheet.