

Table 1: All species present in the Reference Sequence Databases
(Kraken and BLAST)

Order	Family	Taxon
Alismatales	Potamogetonaceae	Potamogeton wrightii
Apiales	Apiaceae	Osmorhiza aristata
Asparagales	Amaryllidaceae	Allium stamineum
	Asparagaceae	Streptopus amplexifolius
Asterales	Asteraceae	Anaphalis margaritacea
		Antennaria carpatica
		Antennaria dioica
		Artemisia sibirica
		Brickellia dentata
		Chrysanthamnus greenii
		Cirsium pannonicum
		Cirsium parryi
		Cirsium vulgare
		Crepis pygmaea
		Ericameria parryi
		Erigeron ecuadoriensis
		Erigeron grandiflorus
		Erigeron rosulatus
		Erigeron uniflorus
		Helianthella quinquenervis
		Heterotheca villosa
		Hieracium avilae
		Hieracium jubatum
		Hymenoxys hoopesii
		Leucanthemum graminifolium
		Microseris lindleyi
		Omalotheca supina
		Packera quercetorum
		Pseudognaphalium attenuatum
		Pseudognaphalium frigidum
		Pseudognaphalium lacteum
		Pseudognaphalium oxyphyllum
		Rudbeckia hirta
		Scabrethia scabra
		Senecio adenophyllus
		Senecio algens
		Senecio apolobambensis
		Senecio candollei
		Senecio chionogeton
		Senecio formosus
		Senecio funkii
		Senecio gilliesii
		Senecio humillimus
		Senecio nutans
		Senecio pucheii
		Senecio rufescens
		Senecio spinosus
		Senecio tephrosioides

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Order	Family	Taxon		
Boraginales		Solidago chilensis		
		Stilpnolepis intricata		
		Symphyotrichum foliaceum		
		Taraxacum cucullatum		
	Campanulaceae	Taraxacum officinale		
		Tonestus lyallii		
		Townsendia formosa		
		Campanula argaea		
	Boraginaceae	Campanula rotundifolia		
		Cynoglossum amplifolium		
		Cynoglossum anchusoides		
		Cynoglossum pringlei		
	Hydrophyllaceae	Mertensia ciliata		
		Mertensia fusiformis		
Hydrophyllum canadense				
Hydrophyllum capitatum				
Hydrophyllum fendleri				
Nemophila menziesii				
Caryophyllales	Caryophyllaceae	Arenaria globiflora		
		Arenaria serpyllifolia		
		Cerastium arvense		
		Cerastium lanceolatum		
		Minuartia recurva		
		Odontostemma leucasterium		
		Pseudostellaria heterophylla		
		Sagina procumbens		
		Schizotechium monospermum		
		Shivparvatia glanduligera		
		Stellaria graminea		
		Stellaria holostea		
		Stellaria obtusa		
		Polygonaceae	Rumex induratus	
Rumex spinosus				
Celastrales	Celastraceae		Parnassia faberi	
			Parnassia palustris	
		Ericales	Ericaceae	Paxistima canbyi
				Gaultheria prostrata
Moneses uniflora				
Orthilia secunda				
Polemoniaceae	Vaccinium vitis-idaea			
	Collomia grandiflora			
	Ipomopsis aggregata			
	Phlox douglasii			
Primulaceae	Androsace studiosorum			
	Androsace vitaliana			
Fabales	Fabaceae	Astragalus pelecinus		
		Lupinus argenteus		
		Lupinus sericeus		

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Order	Family	Taxon
Gentianales	Gentianaceae	Vicia americana Frasera speciosa Gentiana cruciata
Hyphomicrobiales	Xanthobacteraceae	Azorhizobium caulinodans
Lamiales	Lamiaceae	Agastache pallidiflora
Liliales	Colchicaceae	Prosartes smithii
	Liliaceae	Erythronium dens-canis
	Melanthiaceae	Anticlea elegans Veratrum viride
Malpighiales	Hypericaceae	Hypericum perforatum
	Salicaceae	Populus alba
	Violaceae	Viola odorata
Myrtales	Onagraceae	Chamaenerion angustifolium Epilobium canum Epilobium parviflorum
Ranunculales	Berberidaceae	Berberis sibirica
	Papaveraceae	Corydalis aitchisonii
	Ranunculaceae	Actaea heracleifolia Anemone anemonoides Anemone obtusiloba Aquilegia ecalcarata Caltha palustris Delphinium barbeyi Delphinium gracile Delphinium nuttallianum Pulsatilla chinensis Thalictrum thalictroides Thalictrum tuberosum Trollius europaeus
Rosales	Elaeagnaceae	Shepherdia argentea
	Rosaceae	Crataegus bipinnatifida Dasiphora fruticosa Geum ternatum Hedlundia austriaca Holodiscus argenteus Karpatisorbus devoniensis Micromeles japonica Potentilla anserina Potentilla pulcherrima Potentilla tetrandra Rubus chingii
Sapindales	Sapindaceae	Acer campestre
Saxifragales	Crassulaceae	Rhodiola rosea Sedum nudum
	Grossulariaceae	Ribes rubrum
	Saxifragaceae	Lithophragma parviflorum Saxifraga biflora Saxifraga fortunei

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		Saxifraga maderensis
		Saxifraga oppositifolia
		Saxifraga portosanctana
		Saxifraga x geum

x geum* \end{longtable}