

## An updated and referenced list of *Legionellaceae* species

Clinical “association” is defined as being isolated from a patient. Environmental sources serve as examples and are not exhaustive. Literature links are imbedded in each category.

Species	ICNP status	Clinical association	Environmental sources
<i>L. adelaidensis</i>	Accepted	<i>Unknown</i>	Cooling tower
<i>L. anisa</i>	Accepted	Pneumonia Pontiac fever Arthritis	Potable water, cooling towers Potting soil
<i>L. antarctica</i>	Accepted	<i>Unknown</i>	Antarctic lake
<i>L. beliardensis</i>	Accepted	<i>Unknown</i>	Potable water
<i>L. birminghamensis</i>	Accepted	Pneumonia	Compost
<i>L. bononiensis</i>	Accepted	<i>Unknown</i>	Potable water
<i>L. bozemanæ</i>	Accepted	Pneumonia	Potable water Potting soil Compost
<i>L. brunensis</i>	Accepted	Endocarditis	Cooling tower
<i>L. busanensis</i>	Accepted	<i>Unknown</i>	Cooling tower
<i>L. cardiaca</i>	Accepted	Endocarditis	<i>Unknown</i>
<i>L. cherrii</i>	Accepted	Pneumonia	Potable water
<i>L. cincinnatiensis</i>	Accepted	Pneumonia Septic arthritis Soft tissue abscesses:	Compost
<i>L. clemsonensis</i>	Accepted	Pneumonia	<i>Unknown</i>
<i>L. donaldsonii</i>	<i>Not valid</i>	Pneumonia	Potable water
<i>L. drancourtii</i>	Accepted	Pneumonia	Ubiquitous amoeba
<i>L. dresdenensis</i>	Accepted	<i>Unknown</i>	River water
<i>L. drozanskii</i>	Accepted	Pneumonia	Engineered water environment
<i>L. dumoffii</i>	Accepted	Pneumonia	Potting soil Cooling tower

<b><i>L. erythra</i></b>	Accepted	Pneumonia	Cooling tower
<b><i>L. fairfieldensis</i></b>	Accepted	<i>Unknown</i>	Cooling tower
<b><i>L. fallonii</i></b>	Accepted	Pneumonia	Pluvial runoff
<b><i>L. feeleeii</i></b>	Accepted	Pneumonia Pontiac fever	Compost
<b><i>L. geestiana</i></b>	Accepted	<i>Unknown</i>	Building hot water
<b><i>L. genomospecies 1</i></b>	<i>Not valid</i>	<i>Unknown</i>	Potable water
<b><i>L. gormanii</i></b>	Accepted	Pneumonia and neutropenic fever	Compost Potting soil
<b><i>L. gratiana</i></b>	Accepted	<i>Unknown</i>	Thermal spa
<b><i>L. gresilensis</i></b>	Accepted	<i>Unknown</i>	Thermal spa
<b><i>L. hackeliae</i></b>	Accepted	Pneumonia	<i>Unknown</i>
<b><i>L. impletisoli</i></b>	Accepted	<i>Unknown</i>	Contaminated soil
<b><i>L. indianapolisensis</i></b>	<i>Not valid</i>	Pulmonary abscess	<i>Unknown</i>
<b><i>L. israelensis</i></b>	Accepted	<i>Unknown</i>	Oxidation ponds
<b><i>L. jamestowniensis</i></b>	Accepted	Pneumonia	Soil Compost
<b><i>L. jeonii (candidatus)</i></b>	<i>Not valid</i>	<i>Unknown</i>	Sediment-dwelling amoeba
<b><i>L. jordanis</i></b>	Accepted	Respiratory tract infection	River water, sewage
<b><i>L. lansingensis</i></b>	Accepted	Pneumonia	<i>Unknown</i>
<b><i>L. londiniensis</i></b>	Accepted	Pneumonia	Cooling tower
<b><i>L. longbeachae</i></b>	Accepted	Pneumonia Wound infection	Compost Potting soil Potable water
<b><i>L. lytica</i></b>	Accepted	Pneumonia	Wastewater
<b><i>L. maceachernii</i></b>	Accepted	Pneumonia	Evaporator
<b><i>L. maioricensis</i></b>	Accepted	<i>Unknown</i>	Water distribution system
<b><i>L. massiliensis</i></b>	Accepted	<i>Unknown</i>	Water samples

<b><i>L. micdadei</i></b> (correct name of <i>L. pittsburghensis</i> )	Accepted	Pneumonia Lochgoilhead fever Prosthetic joint infection Pontiac fever	Compost Whirlpool water
<b><i>L. monrovica</i></b>	<i>Not valid</i>	<i>Unknown</i>	<i>Unknown</i>
<b><i>L. moravica</i></b>	Accepted	<i>Unknown</i>	Cooling tower
<b><i>L. nagasakiensis</i></b>	Accepted	Pneumonia	Hot spring
<b><i>L. nautarum</i></b>	Accepted	<i>Unknown</i>	Building hot water
<b><i>L. norrlandica</i></b>	Accepted	<i>Unknown</i>	Wood processing plant
<b><i>L. oakridgensis</i></b>	Accepted	Pneumonia	Cooling tower Compost
<b><i>L. pneumophila spp fraseri</i></b>	Accepted	Pneumonia	Cooling tower
<b><i>L. pneumophila spp pascullei</i></b>	Accepted	Pneumonia	Potable water
<b><i>L. pneumophila spp pneumophila</i></b>	Accepted	Pneumonia	Hot building water
<b><i>L. parisiensis</i></b>	Accepted	Pneumonia	Cooling tower
<b><i>L. pneumophila</i></b>	Accepted	Pneumonia Septic arthritis with probable endocarditis	Potable water Potting soil Compost Runoff water, wastewater
<b><i>L. polyplacis (candidatus)</i></b>	<i>Not valid</i>	<i>Unknown</i>	Tick symbiont
<b><i>L. qingyii</i></b>	Accepted	<i>Unknown</i>	Water samples
<b><i>L. quateirensis</i></b>	Accepted	<i>Unknown</i>	Compost Shower water
<b><i>L. quinlivanii</i></b>	Accepted	Pneumonia	Air conditioning
<b><i>L. resiliens</i></b>	<i>Not valid</i>	<i>Unknown</i>	Hot building water
<b><i>L. rowbothamii</i></b>	Accepted	Pneumonia	Engineered water systems
<b><i>L. rubrilucens</i></b>	Accepted	Pneumonia	Hot spring

			Potable water
<b><i>L. sainthelensi</i></b>	Accepted	Pneumonia	Potable water Freshwater Compost Wastewater
<b><i>L. santicrucis</i></b>	Accepted	<i>Unknown</i>	Potable water
<b><i>L. saoudiensis</i></b>	Accepted	<i>Unknown</i>	Sewage water
<b><i>L. septentrionalis</i></b>	Accepted	<i>Unknown</i>	River and lake water
<b><i>L. shakespearei</i></b>	Accepted	<i>Unknown</i>	Cooling tower
<b><i>L. spiritensis</i></b>	Accepted	<i>Unknown</i>	Compost
<b><i>L. steelei</i></b>	Accepted	Pneumonia	<i>Unknown</i>
<b><i>L. steigerwaltii</i></b>	Accepted	<i>Unknown</i>	Tap water
<b><i>L. taurinensis</i></b>	Accepted	<i>Unknown</i>	Water samples
<b><i>L. thermalis</i></b>	Accepted	<i>Unknown</i>	Hot spring
<b><i>L. tucsonensis</i></b>	Accepted	Pneumonia	<i>Unknown</i>
<b><i>L. tunisiensis</i></b>	Accepted	<i>Unknown</i>	Water samples
<b><i>L. wadsworthii</i></b>	Accepted	Pneumonia	Runoff and sewer water
<b><i>L. waltersii</i></b>	Accepted	Pneumonia	Drinking water
<b><i>L. worsleiensis</i></b>	Accepted	Pneumonia	Cooling tower
<b><i>L. yabuuchiae</i></b>	Accepted	<i>Unknown</i>	Contaminated soil