

**Table S1** Extant species of genus *Sus*

Latin name	English name
<i>Sus ahoenobarbus</i> Huet, 1888	Palawan bearded pig
<i>Sus barbatus</i> Müller, 1838	Bornean bearded pig
<i>Sus cebifrons</i> Heude, 1888	Visayan warty pig
<i>Sus celebensis</i> Müller & Schlegel, 1843	Celebes warty pig or Sulawesi warty pig
<i>Sus oliveri</i> Groves, 1997	Oliver's warty pig or Mindoro warty pig
<i>Sus philippensis</i> Nehring, 1886	Philippine warty pig
<i>Sus scrofa</i> or <i>Sus scrofa scrofa</i> Linnaeus, 1758	Wild boar
<i>Sus scrofa domestica</i> or <i>Sus domestica</i> Erxleben, 1777	Domestic pig
<i>Sus verrucosus</i> Boie, 1832	Javan warty pig

Table S2 Countries reported unknown coccidia species in genus *Sus*

Country and region	Infection rate of unknown coccidia species	Host	Reference
Argentina / Buenos Aires	Coccidia 40%	Domestic pigs / <i>Sus scrofa domestica</i>	Argañaraz <i>et al</i> (2018) [109]
	<i>Eimeria</i> sp. 18.5%, <i>Isospora</i> sp. 22%	Wild pigs / <i>Sus scrofa</i>	Ciocco <i>et al</i> (2019) [144]
Bangladesh	<i>Eimeria</i> spp. 56.4%	Domestic pigs / <i>Sus scrofa domestica</i>	Dey <i>et al</i> (2014) [111]
Cameroon s	Coccidia 26.9%	Domestic pigs / <i>Sus scrofa domestica</i>	Kouam <i>et al</i> (2018) [147]
	<i>Eimeria</i> spp. 1.4%	Domestic pigs / <i>Sus scrofa domestica</i>	Kouam and Ngueguim (2022) [112]
Croatia	<i>Eimeria</i> spp. 70.8%	Domestic pigs / <i>Sus scrofa domestica</i>	Salajpal <i>et al</i> (2017) [148]
Denmark	<i>Eimeria</i> spp. 92.3%	Wild pigs / <i>Sus scrofa</i>	Petersen <i>et al</i> (2020) [149]
Ethiopia	<i>Eimeria</i> spp. 4.89%–6.98%	Domestic pigs / <i>Sus scrofa domestica</i>	Abdu and Gashaw (2010) [150]
	<i>Eimeria</i> spp. 1.69%	Domestic pigs / <i>Sus scrofa domestica</i>	Tomass <i>et al</i> (2013) [151]
	Coccidia 11.98%	Domestic pigs / <i>Sus scrofa domestica</i>	Jufare <i>et al</i> (2015) [152]
Ghana	<i>Eimeria</i> spp. 77.2%	Domestic pigs / <i>Sus scrofa domestica</i>	Permin <i>et al</i> (1999) [127]
	Coccidia 14.5%	Domestic pigs / <i>Sus scrofa domestica</i>	Atawalna <i>et al</i> (2014) [153]
Guatemala	Coccidia 4.57%	Domestic pigs / <i>Sus scrofa domestica</i>	Cabrera Sarg (2017) [154]
Indonesia	<i>Eimeria</i> sp. 57.14%	Javan warty pigs / <i>Sus verrucosus</i>	Dewi and Nugraha (2007) [155]
	<i>Eimeria</i> sp. 78%	Domestic pigs / <i>Sus scrofa domestica</i>	Widisuputri <i>et al</i> (2020) [156]
Lesotho	Coccidia 27.78%	Domestic pigs / <i>Sus scrofa domestica</i>	Kompi <i>et al</i> (2023) [157]
Malaysia	Coccidia 11.6%	Domestic pigs / <i>Sus scrofa domestica</i>	Edmund <i>et al</i> (2005) [158]
Mexico	<i>Eimeria</i> sp. 52.63%	Wild pigs / <i>Sus scrofa</i>	Romero-Castañón <i>et al</i> (2008) [129]
Myanmar	<i>Eimeria</i> spp. 74%	Domestic pigs / <i>Sus scrofa domestica</i>	Bawm <i>et al</i> (2022) [130]
Portugal	<i>Eimeria</i> spp. 4.17%	Wild pigs / <i>Sus scrofa</i>	Figueiredo <i>et al</i> (2020) [159]
Rwanda	Coccidia 55.77%	Domestic pigs / <i>Sus scrofa domestica</i>	Tumusiime <i>et al</i> (2020) [160]
Slovakia	<i>Eimeria</i> spp. 90%	Wild pigs / <i>Sus scrofa</i>	Imrich <i>et al</i> (2016) [161]
	<i>Eimeria</i> spp. 8.33%	Wild pigs / <i>Sus scrofa</i>	Kanka <i>et al</i> (2017) [162]
Sweden	<i>Eimeria</i> spp. 9.23%	Domestic pigs / <i>Sus scrofa domestica</i>	Pettersson <i>et al</i> (2021) [7]
Switzerland	<i>Eimeria</i> sp. 74.5%	Wild pigs / <i>Sus scrofa</i>	Spieler and Schnyder (2021) [135]
Trinidad and Tobago	Coccidia 20.59%	Domestic pigs / <i>Sus scrofa domestica</i>	Adesiyun and Kaminjolo (1994) [163]
Uganda	<i>Eimeria</i> spp. 33.7%–50.8%	Domestic pigs / <i>Sus scrofa domestica</i>	Roesel <i>et al</i> (2017) [136]
	<i>Eimeria</i> spp. 56.4%	Domestic pigs / <i>Sus scrofa domestica</i>	Oba <i>et al</i> (2023) [164]