

Species in the Cryopreservation role **7 species**

Species for which the long-term storage of sperm or cells to perpetuate their genetic variation is urgently recommended, due the serious threat of extinction of the species.

Species	Extinction Risk	Phylogenetic Significance	Biological Distinctiveness	Captive Breeding	Comments
<i>Eleutherodactylus jasperi</i>	Critically Endangered (CR)	9.355870895	Aspect of biology shared with <6 other species	Maintained but no successful breeding	Coquis are the national emblem of Puerto Rico and are therefore culturally significant. Species has not been seen since 1981 and is possibly extinct. Only a small amount of the population was in a protected area (R. Joglar, pers. comm. March 2011). One of the few live-bearing frog species.
<i>Eleutherodactylus eneidae</i>	Critically Endangered (CR)	9.355870895	No aspect of biology known to be exceptional	Not held in captivity to date	Is probably extinct, although known distribution is in protected habitat.. Has not been seen since 1990 (A. R. Estrada, R. Joglar, pers. comm. March 2011). Coquis are the national emblem of Puerto Rico and are therefore culturally significant. Is an important species to raise awareness about species extinctions and the amphibian extinction crisis (R. Joglar, pers. comm. March 2011).
<i>Eleutherodactylus karlschmidti</i>	Critically Endangered (CR)	8.24527454	No aspect of biology known to be exceptional	Maintained but no successful breeding	Coquis are the national emblem of Puerto Rico and are therefore culturally significant. Almost certainly extinct. Is an important species to raise awareness about species extinctions and the amphibian extinction crisis (R. Joglar, pers. comm. March 2011).
<i>Eleutherodactylus portoricensis</i>	Critically Endangered (CR)	9.355870895	No aspect of biology known to be exceptional	Not held in captivity to date	Coquis are the national emblem of Puerto Rico and are therefore culturally significant. The remaining population is in protected areas, although the species is rare in this area (R. Joglar, pers. comm. March 2011). Good for education purposes as it has dramatically reducing distribution and only found in cloud forest area (R. Joglar, pers. comm. March 2011).
<i>Eleutherodactylus richmondi</i>	Critically Endangered (CR)	8.24527454	No aspect of biology known to be exceptional	Maintained but no successful breeding	Coquis are the national emblem of Puerto Rico and are therefore culturally significant. No longer exists in protected areas (R. Joglar, pers. comm. March 2011). A captive breeding programs exists in UPR and Central Florida Zoo. Is a very attractive frog and therefore a good species for conservation education. Fertile eggs have been produced but young have not been raised to adults.

<i>Eleutherodactylus gryllus</i>	Endangered (EN)	9.355870895	No aspect of biology known to be exceptional	Not held in captivity to date	Has been declining in recent years and has been moving to higher elevations. They are now at the highest elevation. Faces a high risk of extinction (R. Joglar, pers. comm. March 2011). Coquis are the national emblem of Puerto Rico and are therefore culturally significant. Is a good example to use for education about the effects of climate change (R. Joglar, pers. comm. March 2011).
<i>Peltophryne lemur</i>	Critically Endangered (CR)	4.641761834	No aspect of biology known to be exceptional	Yes bred to F2	Much of the population is in protected areas, but the area is being impacted by rising sea levels leading to salt water contamination of ponds. Habitat in the north needs to be restored before additional releases are undertaken (R. Joglar, pers. comm. March 2011). Initial attempts at reintroduction were not very successful, but this has improved over time (R. Joglar, pers. comm. March 2011). Past experience with conservation education is applicable to similar Cuban species (L. Diaz, pers. comm. March 2011).
