

Species in the *In Situ* Conservation Role**6 species**

Species for which mitigation of threats in the wild may still bring about their successful conservation.

Species	Threat Mitigation	Protected Habitat	Comments
<i>Eleutherodactylus jasperi</i>	Threats cannot/will not be reversed in time	No	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 locustus</i>	Threats are reversible in time frame	Yes	Coquis are the national emblem of Puerto Rico and are therefore culturally significant. A captive breeding and supplementation program is currently being undertaken (Central Florida Zoo) but releases have not taken place to date (R. Joglar, pers. comm. March 2011). Is a good example to use for education about the effects of climate change (R. Joglar, pers. comm. March 2011). Fertile eggs have been produced but young have not been raised to adults.
<i>Eleutherodactylus hedricki</i>	Threats are reversible in time frame	Yes	Coquis are the national emblem of Puerto Rico and are therefore culturally significant.
<i>Eleutherodactylus wightmanae</i>	Threats are reversible in time frame	Yes	Coquis are the national emblem of Puerto Rico and are therefore culturally significant. Population numbers are increasing (R. Joglar, pers. comm. March 2011). Fertile eggs have been produced but young have not been raised to adults.
<i>Eleutherodactylus cooki</i>	Threats are reversible in time frame	No	Is a cave-dwelling species. Less than 1% of the population occurs in protected areas. Species is likely to be negatively impacted by climate change and more awareness of climate change impacts are need in Puerto Rico (R. Joglar, pers. comm. March 2011). Is a popular species in a specific area of Puerto Rico and tunnels have been created to protect the species (R. Joglar, pers. comm. March 2011). Species has been maintained in captivity (University of Puerto Rico) but has not been bred (R. Joglar, pers. comm. March 2011).

Species	Threat Mitigation	Protected Habitat	Comments
<i>Eleutherodactylus juanariveroi</i>	Threats are reversible in time frame	No	Coquis are the national emblem of Puerto Rico and are therefore culturally significant. Species has only recently been described and additional research is required to determine extent of distribution. Currently only known in an area of about 180 hectares (R. Joglar, pers. comm. March 2011). Currently found in a freshwater swamp, but there are very few freshwater habitats remaining due to rising sea levels leading to salt water contamination of ponds (R. Joglar, pers. comm. March 2011). Research into suitability for translocation is required (R. Joglar, pers. comm. March 2011).
