# Pacific Wren, Semidi

## Troglodytes pacificus semidiensis

Note: This assessment refers to this subspecies only. A species level report, which refers to all associated subspecies, is also available.

<b>Review Status:</b>	Peer-reviewed	Version Date:	15 December 2017

### **Conservation Status**

NatureServe:	Agency:		
G Rank:G5T2T3	ADF&G: Species of Greatest Conservation Need	IUCN:	Audubon AK:Yellow
S Rank: S2S3	USFWS:	BLM:	

	Final Rank		
	on category: biological vulr	IV. Orange nerability and action need	
Category	Range	Score	
Status	-20 to 20	0	
Biological	-50 to 50	12	
Action	-40 to 40	32	
Higher numerical scores denote greater concern			

#### - variables measure the trend in a taxon's population status or distribution. Higher status scores denote taxa with Status known declining trends. Status scores range from -20 (increasing) to 20 (decreasing).

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Population Trend in Alaska (-10 to 10)		0
Unknown.		
Distribution Trend in Alaska (-10 to 10)		0
Unknown.		
	Status Total:	0

<b>Biological</b> - variables measure aspects of a taxon's distribution, abundance and life history. Higher biological scores suggest greater vulnerability to extirpation. Biological scores range from -50 (least vulnerable) to 50 (most vulnerable).	Score
Population Size in Alaska (-10 to 10)	0
Unknown.	
Range Size in Alaska (-10 to 10)	10
Resides on the Semidi Islands (ADFG 2006a). Range is ~29 sq. km calculated from ACCS range map (ACCS 2017a).	
Population Concentration in Alaska (-10 to 10)	2

Does not concentrate, but only occurs on Semidi Islands.

Reproductive Potential in Alaska	
Age of First Reproduction (-5 to 5)	-3
Presumably during their second year (Toews and Irwin 2012).	
Number of Young (-5 to 5)	1
Unknown for this subspecies, but probably 6-7 eggs per clutch (Heath 1920). On St. George Island, some females laid two clutches in one season (Heath 1920).	
Ecological Specialization in Alaska	
<u>Dietary (-5 to 5)</u>	1
Invertebrates, especially insects, spiders, and amphipods (Toews and Irwin 2012).	
<u>Habitat (-5 to 5)</u>	1
Habitat requirements specific to the Semidi subspecies are unknown. In the Aleutians, found along the coast and on beaches (Gibson and Byrd 2007; Withrow 2015). Nests on sea cliffs and boulder fields in dense vegetation within grass meadows and tall forb meadows (Gibson and Byrd 2007). May also nest in the roots of upturned trees, in old stumps, brush piles or abandoned buildings (Kessler and Kogut 1985; Armstrong 2008).	
(Ressier and Rogar 1900), Fillibring 2000).	
Biological Total	12
	12 Score
Exercise Action - variables measure current state of knowledge or extent of conservation efforts directed toward a given taxon. Higher action scores denote greater information needs due of lack of knowledge or conservation action. Action	
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<ul> <li>Biological Total</li> <li>Action - variables measure current state of knowledge or extent of conservation efforts directed toward a given taxon. Higher action scores denote greater information needs due of lack of knowledge or conservation action. Action scores range from -40 (lower needs) to 40 (greater needs).</li> <li>Management Plans and Regulations in Alaska (-10 to 10)</li> <li>Protected under the Migratory Bird Treaty Act (MBTA 1918).</li> <li>Knowledge of Distribution and Habitat in Alaska (-10 to 10)</li> <li>Habitat associations are poorly known at the subspecies level.</li> <li>Knowledge of Population Trends in Alaska (-10 to 10)</li> </ul>	<b>Score</b> 2 10

Action Total: 32

Supplemental Information - variables do not receive numerical scores. Instead, they are used to sort taxa to answer specific biological or management questions.

Harvest:	None or Prohibited
Seasonal Occurrence:	Year-round
Taxonomic Significance:	Subspecies
% Global Range in Alaska:	>10%

2012).

% Global Population in Alaska:	Endemic
Peripheral:	No

#### References

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