

**Céspedes-Arias, L.N., S. Wilson, and N.J. Bayly. 2021. Community modeling reveals the importance of elevation and land cover in shaping migratory bird abundance in the Andes. Ecological Applications.**

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## **Data S3**

**Site covariates, species observations and distance class information used in the JAGS Andean Community Model.**

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## **Authors**

Laura N. Céspedes-Arias  
SELVA: Investigación para la Conservación en el Neotrópico  
Barrio La Soledad, Bogota, Colombia  
lncespedesarias@gmail.com

Scott Wilson  
Environment and Climate Change Canada  
5421 Robertson Road, Delta, BC, V4K 3N2 Canada  
scott.wilson@canada.ca

Nicholas J. Bayly  
SELVA: Investigación para la Conservación en el Neotrópico  
Barrio La Soledad, Bogota, Colombia  
nick.bayly@selva.org.co

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## **File list (files found within DataS2.zip)**

Andes.covariate.csv  
Andes.species.csv  
Andes.dclass.csv  
Site and Species codes.csv

## **Description**

Andes.covariate.csv – Data file containing covariate information for each point count location including name, latitude, elevation, land cover class, woody biomass

within 1km, winter mean precipitation, winter seasonality in precipitation and winter mean cloud cover.

`Andes.species.csv` – Data file containing number of individuals observed for each species at each point count location. Rows are arranged in the same order as the covariate file.

`Andes.dclass.csv` – Data file containing the distance bin for each observation. Site and species numbers are provided in the “Site and Species codes.csv” file.

`Site and Species codes.csv` – Numeric codes to describe the site and species names in the dclass file.