

Appendix A

Observation Metadata

COLUMN	DATATYPE(MAX LENGTH)	NOTES
Common Name*	STRING(128)	Common name of the species
Genus	STRING(64) DEFAULT NULL	Latin genus of the species
Species	STRING(64) DEFAULT NULL	Latin species name
Species Count	NUMBER(0<x<999999) DEFAULT 'present'	The number of this species observed. If not an integer, will record as 'present'
Species Comments	STRING(4000) DEFAULT NULL	Free text comments about the observation

*Either common or scientific name is required for all formats

Location and Effort (Submission) Metadata

COLUMN NAME	DATATYPE(MAX_LENGTH)	NOTES
Location name*	TEXT(254 characters max)	User-defined name of the location
Latitude	NUMBER(-90<x<90)	Latitude of the location, in decimal degrees. Positive values are in the northern hemisphere; negative south of the equator.
Longitude	NUMBER(-180<=x<=180)	Longitude of the location, in decimal degrees. Negative values are in the western hemisphere.

Observation date*	DATE MM/dd/yyyy	The date these observations were made (e.g., 01/26/2006; or 5/13/2004).
Start time	TIME HH:mm a; kk:mm;	Time these observations were made (e.g., 11:35 PM; or 19:27). Time is required for non-casual observations.
State	TEXT (3 characters max) DEFAULT NULL	State/province where these observations were made. Two letter codes used for the US and Canada. See Appendix D for more info.
Country	TEXT (2 characters max) DEFAULT NULL	The country where these observations were made. See Appendix D (e.g., US, or CA).
Protocol	TEXT DEFAULT 'casual'	Free text description of the protocol. Must match one of the following: 1) casual 2) stationary 3) traveling 4) area
Number of observers	NUMBER(x>0) DEFAULT NULL	Number of observers in the party.
Duration	NUMBER(0<x<1440) DEFAULT 0	How long, in minutes, was this observation?
All observations reported?	TEXT (1 character max) DEFAULT 'N'	Were all species seen/heard reported on this birding event? 'Y' = yes, 'N' = no
Distance covered	NUMBER(x>0) DEFAULT NULL	If a traveling count, the distance covered in miles
Area covered	NUMBER(x>0) DEFAULT NULL	In an area search, the area covered in acres
Checklist Comments	TEXT (4000 characters max) DEFAULT NULL	Free text comments about the submission

*Required for all file formats