



**Appendix:** Breeding records [ $n = 35$ ] of the Horned Sungem [*Heliactin bilophus*] obtained by citizen scientists between 2008 and 2022 in the Brazilian Cerrado, with information on the date and location of records, the type of evidence of breeding activities, and the number of eggs, young and adults involved in each record. The entire table: the sign “\*” indicates that the information was provided by the author of the photograph, or that it was obtained in other photograph[s] of the same nest or birds; the sign “?” indicates that the information is unknown. Breeding evidence: “Feed” indicates that young were being fed by an adult. Number: values indicate the number of eggs, young or adults per record; and “F” and “M” refers to adult female and/or male associated with the record, respectively. Records were listed according to the type of evidence of breeding activities, and then chronologically. Records were gathered in the WikiAves [WA], eBird [S] and iNaturalist databases in April 2022.

Record code	Date	Location		Breeding evidence	Number	
		Municipality	State		Young or eggs	Adults
WA1778104	4-Mar-12	Diamantina	MG	Nest building*	0*	0
WA1748781	2-Jul-15	Moema	MG	Nest building	?	1F
WA3389004	16-Jun-19	Brasília	DF	Nest building	?	1F
WA1601920	29-Apr-14	João Pinheiro	MG	Incubation	?	1F
WA2523576	23-Mar-17	Brasília	DF	Incubation	2*	1F
WA2531476	1-Apr-17	Brasília	DF	Incubation	?	1F
WA3510567	16-Jun-19	Brasília	DF	Incubation	?	1F
S79313036	16-Jun-21	Brasília	DF	Incubation	2*	1F
WA2517641	25-Mar-17	Brasília	DF	Nest with eggs	2	0
WA4254097	3-Jul-19	Pompéu	MG	Nest with eggs	2	0
WA4182078	27-Jan-21	Brasília	DF	Nest with eggs	2	0
WA4265247	10-Apr-21	Joaquim Felício	MG	Nest with eggs	2	0
WA1918107	25-Jul-15	Moema	MG	Downy young in a nest	2	0
WA4376504	6-Apr-17	Brasília	DF	Downy young in a nest	1	0
WA2538325	12-Apr-17	Brasília	DF	Downy young in a nest	1	0
WA3793767	18-Jul-19	Brasília	DF	Downy young in a nest [Feed]	2	1F
iNaturalist	10-Mar-22	Chapada dos Guimarães	MT	Downy young in a nest [Feed]	1	1F
S31474091	1-Jul-08	Palmas	TO	Greenish young in a nest	2	0
S65136599	9-Apr-11	Brasília	DF	Greenish young in a nest [Feed]	2	1F
WA1738459	30-Jul-14	Diamantina	MG	Greenish young in a nest	2	0
WA4115645	5-Aug-19	Brasília	DF	Greenish young in a nest	2	0
WA3448642	7-Aug-19	Brasília	DF	Greenish young in a nest [Feed]	2	1F
WA355693	18-May-11	Bocaiúva	MG	Greenish young outside the nest	1	0
WA604110	2-Jul-11	Mineiros	GO	Greenish young outside the nest	1	0
WA367186	29-May-11	Palmas	TO	Greenish young outside the nest [Feed]	1	1F
WA1085932	15-Sep-13	Curvelo	MG	Greenish young outside the nest [Feed]	1	1F
WA1303095	17-Apr-14	Cocalzinho de Goiás	GO	Greenish young outside the nest [Feed]	1	1F
WA1337722	3-May-14	Cocalzinho de Goiás	GO	Greenish young outside the nest [Feed]	1	1F

WA1854533	1-Sep-15	Brasília	DF	Greenish young outside the nest [Feed]	1	1F
WA2760716	28-Oct-17	Pitangui	MG	Greenish young outside the nest [Feed]	1	1F
WA3037681	15-Jul-18	Várzea do Palma	MG	Greenish young outside the nest [Feed]	1	1F
WA3450149	9-Aug-19	Brasília	DF	Greenish young outside the nest [Feed]	1	1F
WA4015076	23-May-20	Brasília	DF	Greenish young outside the nest [Feed]	1	1F
WA4292372	1-May-21	Itacambira	MG	Greenish young outside the nest [Feed]	1	1F
WA4765360	9-Jul-21	Santa Rita do Trivelato	MT	Greenish young outside the nest [Feed]	1	1F

