



Appendix

Municipalities (n = 66) in which Greater Rheas (*Rhea americana*) have been recorded by citizen scientists in non-protected landscapes in the Brazilian Cerrado, with information on human populations, record date, habitat where birds were found, evidence of breeding, and young size. Habitat: "n.p." indicates when it was not possible to identify the habitat used by Greater Rheas. Breeding evidence: "Inc" refers to incubating males, single values refer to the number of young accompanied by an adult male, and traces (-) refer to family sizes that were not confirmed by the authors of photographs. Young size categories are: (CH) chicks, (MY) medium-sized young, (LY) large young. Records (n = 104) were obtained through searches for photographs in the WikiAves database in September 2021. Records were listed alphabetically by municipality, and then randomly.

Municipality	State	Human Population	Human density (ind./km ²)	Record Date	Habitat	Breeding evidence	Young size	Code
Acreúna	GO	22366	14.3	22-Sep-15	Pasture	18	CH	WA1917165
Alto Araguaia	MT	19044	3.5	11-Nov-09	Soybean	20	CH	WA512882
Alto Paraiso de Goiás	GO	7624	2.9	07-Mar-17	Grassland	4	LY	WA2489616
Alto Paraiso de Goiás	GO			06-Dec-12	n.p.	12	LY	WA1561219
Aruanã	GO	9875	3.2	03-Jan-21	Post-harvest	-	LY	WA4167561
Barra do Bugres	MT	34966	5.8	07-Sep-19	Pasture	20	CH	WA3508865
Barra do Garças	MT	61012	6.7	01-Jan-12	Pasture	-	LY	WA535353
Bodoquena	MS	7875	3.1	06-Oct-19	Pasture	9	CH	WA3728157
Bonito	MS	21976	4.5	25-Oct-12	Pasture	-	CH	WA812270
Bonito	MS			24-Aug-13	Pasture	Inc	-	WA1067419
Bonito	MS			18-Jan-15	Pasture	13	MY&LY	WA1655841
Bonito	MS			09-Dec-12	Pasture	-	MY	WA827754
Bonito	MS			11-Oct-14	Pasture	10	CH	WA1508276
Bonito	MS			07-Nov-15	Soybean	-	CH	WA1942014
Bonito	MS			22-Sep-19	Post-harvest	15	CH	WA3515205
Buritizeiro	MG	28056	3.9	24-Nov-19	n.p.	-	MY	WA3584669
Cabeceira Grande	MG	6949	6.7	13-Dec-19	Soybean	-	MY	WA3708205
Caçu	GO	16009	7.1	20-Nov-12	Soybean	6	MY	WA822304
Caseara	TO	5369	3.2	16-Sep-18	Road	10	MY	WA3127610
Caseara	TO			27-Oct-19	Pasture	17	CH&MY	WA3653459
Caseara	TO			27-Oct-19	Pasture	-	MY	WA3610382
Catalão	GO	108823	28.5	09-Dec-17	Soybean	9	CH	WA2834101
Chapada dos Guimarães	MT	19752	3.3	28-Nov-09	Soybean	-	LY	WA84461
Chapada dos Guimarães	MT			14-Oct-14	Soybean	17	CH	WA1487484
Chapada dos Guimarães	MT			17-Nov-15	Soybean	-	MY	WA2361417
Chapadão do Céu	GO	10167	4.7	07-Sep-17	Post-harvest	22	CH	WA3102214
Chapadão do Céu	GO			18-Nov-17	Soybean	-	CH	WA2944218

Chapadão do Céu	GO			21-Sep-15	Wheat	Inc	-	WA1923393
Chapadão do Céu	GO			21-Sep-15	Post-harvest	11	CH	WA2144658
Chapadão do Céu	GO			31-Dec-15	Soybean	3	LY	WA2163122
Chapadão do Céu	GO			23-Oct-17	Soybean	-	CH	WA2748645
Chapadão do Sul	MS	25218	6.5	22-Aug-09	n.p.	Inc	-	WA49161
Chapadão do Sul	MS			22-Dec-14	Pasture	7	LY	WA1578054
Chapadão do Sul	MS			20-Oct-18	Sugar cane	3	LY	WA3153376
Cocalinho	MT	5700	0.3	06-Sep-13	Bare ground	10	CH	WA1813909
Coromandel	MG	27974	8.4	23-Feb-19	Corn	5	LY	WA3290622
Costa Rica	MS	20823	3.9	11-Dec-19	Soybean	10	MY	WA3920166
Costa Rica	MS			27-Nov-18	Soybean	-	LY	WA3212889
Cristalina	GO	58997	9.6	06-Jan-20	Soybean	3	LY	WA3653737
Cuiabá	MT	612547	182.2	30-Dec-14	Pasture	7	MY	WA1578066
Cuiabá	MT			17-Mar-16	Pasture	-	LY	WA2055871
Diamantino	MT	22041	2.7	22-Dec-19	Road	-	LY	WA3627827
Dom Aquino	MT	8178	3.7	10-Oct-13	Corn	-	CH	WA1121957
Dourados	MS	222947	54.6	08-Oct-20	n.p.	-	CH	WA4043325
Dourados	MS			02-Mar-19	Corn	5	LY	WA3503729
Figueirópolis	TO	5263	2.7	15-Nov-17	Pasture	18	CH	WA2846505
Gurupi	TO	86647	47.2	13-Oct-12	Post-harvest	18	MY	WA1758616
Iporá	GO	31531	30.7	21-Sep-18	Road	14	CH	WA3241616
Itarumã	GO	7178	2.1	01-Sep-09	Pasture	17 eggs	-	WA106438
Iturama	MG	39263	28	23-Jan-11	Pasture	5	LY	WA371997
Jaciara	MT	27776	16.8	26-Mar-18	Soybean	-	LY	WA2995380
Jardim	MS	26097	11.9	30-Dec-14	Pasture	-	MY&LY	WA1582120
Jataí	GO	100882	14.1	11-Jan-15	Pasture	-	MY	WA1627790
Jataí	GO			10-Jan-15	Pasture	-	LY	WA1627791
Jauru	MT	8793	6.8	17-Dec-19	Pasture	35	LY	WA3611521
Lagamar	MG	7613	5.2	05-Dec-11	Pasture	7	LY	WA515598
Lagoa da Confusão	TO	13357	1.3	18-Oct-15	Pasture	-	CH	WA1886764
Lagoa da Confusão	TO			20-Oct-15	Pasture	10	CH	WA2141441
Lagoa da Confusão	TO			20-Dec-17	Road	12	CH	WA3257082
Lagoa da Confusão	TO			26-Sep-19	Corn	-	CH	WA3528576
Lambari D'Oeste	MT	6121	3.5	28-Nov-13	Sugar cane	-	MY	WA1197584
Lambari D'Oeste	MT			03-Dec-09	Pasture	-	MY	WA183033
Limeira D'Oeste	MG	7536	5.7	16-Oct-14	Pasture	10	CH	WA1505311
Maracaju	MS	47083	8.9	07-Dec-14	Pasture	-	CH&MY	WA1540608
Maracaju	MS			29-Dec-14	Soybean	8	LY	WA2169971
Mineiros	GO	66801	7.4	28-Sep-12	Road	17	CH	WA2807916
Montividiu	GO	13396	7.1	25-Sep-09	Corn	15	CH	WA71958
Nazário	GO	9142	34	25-Aug-19	Corn	- eggs	-	WA3469138

Nortelândia	MT	5989	4.4	23-Dec-11	Soybean	8	LY	WA655024
Nova Andradina	MS	54374	11.4	29-Mar-21	Corn	-	LY	WA4255833
Nova Mutum	MT	45378	4.7	07-Dec-15	Soybean	-	LY	WA2518723
Palmeirante	TO	6026	2.3	28-Dec-10	Soybean	-	CH	WA285151
Palmeiras de Goiás	GO	28858	18.7	16-Nov-15	Soybean	16	CH	WA1915029
Palmeiras de Goiás	GO			30-Nov-10	Post-harvest	5	LY	WA261475
Palmeiras de Goiás	GO			27-Dec-15	Soybean	2	LY	WA1962763
Paracatu	MG	93158	11.3	18-Sep-11	Pasture	12	CH	WA454578
Paraúna	GO	10988	2.9	13-Oct-18	Post-harvest	-	CH	WA3145537
Pium	TO	7654	0.8	28-Sep-14	Post-harvest	Inc	-	WA1472533
Pontal do Araguaia	MT	6711	2.5	31-Dec-11	Pasture	-	LY	WA591649
Porangatu	GO	45394	9.4	09-Sep-14	Grassland	14	CH	WA1447610
Porteirão	GO	3881	6.4	21-Jun-16	Corn	37 eggs	-	WA2639318
Porto Nacional	TO	53010	11.9	05-Dec-13	Soybean	8	MY	WA1224237
Quirinópolis	GO	50065	13.2	08-Oct-15	Road	18	CH	WA1882093
Rio Brilhante	MS	37514	9.4	05-Mar-19	Post-harvest	16	LY	WA3331720
Rio Brilhante	MS			03-Sep-19	Pasture	21	CH	WA3478661
São Miguel do Araguaia	GO	21993	3.6	25-Nov-19	Pasture	-	MY	WA3601414
Serranópolis	GO	8544	1.5	05-Dec-15	Soybean	3	LY	WA2264179
Serranópolis	GO			04-Jan-15	Road	12	LY	WA1577730
Sidrolândia	MS	57665	10.9	01-Feb-12	Pasture	3	LY	WA563224
Silvânia	GO	20695	8.8	14-Oct-18	Pasture	12	MY	WA3155227
Sonora	MS	19274	4.7	11-Oct-17	Corn	8	CH	WA3201007
Três Lagoas	MS	121388	11.9	28-Sep-12	Road	9	CH	WA1689709
Uberaba	MG	333783	73.8	13-Jan-20	Corn	-	LY	WA3643748
Uberaba	MG			21-Nov-20	Soybean	-	MY	WA4091531
Unaí	MG	84378	10	16-Nov-12	Soybean	13	LY	WA1252629
União de Minas	MG	4304	3.8	05-Dec-14	Pasture	22	MY&LY	WA1540437
Uruana de Minas	MG	3264	5.5	04-Oct-15	Post-harvest	13	CH	WA1983576
Uruana de Minas	MG			04-Dec-11	Post-harvest	22	CH	WA514146
Uruana de Minas	MG			22-Jan-12	Pasture	-	MY	WA598714
Uruana de Minas	MG			06-Sep-14	Post-harvest	30	CH	WA1443419
Uruana de Minas	MG			16-Sep-12	n.p.	-	CH	WA746927
Uruana de Minas	MG			01-Dec-12	Road	16	MY	WA820980
Uruana de Minas	MG			04-Oct-20	Post-harvest	-	CH	WA4008149
Vianópolis	GO	13863	14.5	28-Jan-20	Soybean	8	LY	WA3663716

