

## SUPPLEMENTARY MATERIAL

### Distribution and status of Paraguayan *Xenarthra*: towards a better understanding

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A gazeteer of localities mapped and mentioned in the text is provided here with coordinates. Records are colour-coded according to record type for quick reference.

**Color codes:** Yellow: Examined specimen record (SP); Blue: Specimen record not-examined by authors (SP NOT EX); Green: Literature Record (LIT); Red: Photographic Record (PH); Purple: Reliable observation record (OBS).

#### *Dasypus hybridus*

Site	Coordinates	Department	Record Type	Comments
Estancia La Rama III	24° 09.426'S 55° 34.299'W	CANINDEYU	SP	septemcinctus
Curupayty	27° 6.724'S 58° 34.451'W	ÑEEMBUCÚ	SP	hybridus
Villarica	25° 47.391'S 56° 26.970'W	GUAIRÁ	SP	hybridus
Parque Nacional Ybycuí	26° 4.864'S 56° 49.511'W	PARAGUARI	LIT	?
Villa Hayes	25° 5.508'S 57° 31.666'W	PRESIDENTE HAYES	LIT	?
Refugio Biológico Tati Yupi	25° 22.096'S 54° 34.914'W	ALTO PARANÁ	PH	septemcinctus

## *Dasypus novemcinctus*

Site	Coordinates	Department	Record Type
58km SO de Agua Dulce 4km south Madrejón, admin. Parque Nacional Defensores del Chaco	20° 29.892'S 59° 48.533'W	ALTO PARAGUAY	SP
Ruta Transchaco 0.5km S Fortín Teniente Enciso	20° 39.925'S 59° 53.004'W	BOQUERON	SP
Jejuí	21° 12.880'S 61° 39.344'W	BOQUERON	SP
Mbaracayú Wildlife Reserve 2km NE central camp	24° 8.695'S 55° 38.730'W	CANINDEYU	SP
Reserva Mbaracayú	24° 7.246'S 55° 30.534'W	CANINDEYU	SP
Cerro Lambaré	24° 8.090'S 55° 31.765'W	CANINDEYU	SP
Estancia Cerrito	25° 20.472'S 57° 38.480'W	CENTRAL	SP
Parque Nacional Serranía San Luís	23° 13.786'S 57° 7.464'W	CONCEPCION	SP
Isla Yacyretá, Barranquita	22° 36.898'S 57° 26.262'W	CONCEPCION	SP
Reserva Natural Yacyreta	27° 25.677'S 56° 23.064'W	ITAPUA	SP
Reserva Laguna Porá	27° 25.906'S 56° 45.633'W	ITAPUA	SP
Estancia Las Mañanitas	22° 38.268'S 59° 3.332'W	PRESIDENTE HAYES	SP
Refugio Fauna... Limoy (?)	23°41'28"S, 56°13'00"W	SAN PEDRO	SP
Refugio Biológico Tati Yupi, Hernandarias	24° 45.485'S 54° 27.302'W	ALTO PARANA	SP NOT EX
Puerto Sauce	25° 22.096'S 54° 34.914'W	ALTO PARANA	SP NOT EX
67km by road N Fortín Madrejón	24° 45.814'S 54° 24.245'W	ALTO PARANA	SP NOT EX
120km E of Mayor Pablo Lagarenza, W of Aguadulce	20° 3.007'S 59° 45.517'W	ALTO PARAGUAY	SP NOT EX
Puerto Guarany	19° 59.050'S 59° 47.406'W	ALTO PARAGUAY	SP NOT EX
28km SW Pedro Juan Caballero	21° 17.011'S 57° 55.444'W	ALTO PARAGUAY	SP NOT EX
Fortín Toledo	22° 43.421'S 56° 16.800'W	AMAMBAY	SP NOT EX
Teniente Martínez, 175km N Filadelfia	22° 21.458'S 60° 20.498'W	BOQUERON	SP NOT EX
3km N of Campo 9	20° 51.841'S 59° 50.827'W	BOQUERON	SP NOT EX
	25° 21.300'S 55° 42.350'O	CAAGUAZU	SP NOT EX

Estancia Primera, "Guayraungua River" (=Rio Guyraunguá)	25° 27.254'S 55° 51.299'W	CAAGUAZU	SP NOT EX
Reserva Natural del Bosque Mbaracayú	24° 8.090'S 55° 31.765'W	CANINDEYU	SP NOT EX
Lambare	25° 20.596'S 57° 38.190'W	CENTRAL	SP NOT EX
Nueva Italia	25° 36.713'S 57° 27.997'W	CENTRAL	SP NOT EX
1km N of Rio Paraná, E of Rio Pirapó	26° 58.677'S 55° 25.437'W	ITAPUA	SP NOT EX
211km NW (by road) Villa Hayes	23° 41.493'S 58° 39.879'W	PRESIDENTE HAYES	SP NOT EX
Chaco Experimental Station 295km NW (by road) Villa Hayes	23° 12.401'S 59° 12.222'W	PRESIDENTE HAYES	SP NOT EX
km305 Transchaco	23° 19.624'S 59° 6.564'W	PRESIDENTE HAYES	SP NOT EX
km150 rte Transchaco	24° 20.556'S 58° 11.007'W	PRESIDENTE HAYES	SP NOT EX
km159 rte Transchaco	24° 17.910'S 58° 15.376'W	PRESIDENTE HAYES	SP NOT EX
Estancia Deolinda	23° 23.539'S 58° 23.223'W	PRESIDENTE HAYES	SP NOT EX
Waikthlatingmayalwa	23° 25.136'S 58° 20.263'W	PRESIDENTE HAYES	SP NOT EX
11km S (by air) of Concepción, E bank of Rio Paraguay	23° 30.374'S 57° 27.106'W	SAN PEDRO	SP NOT EX
Ybapobo	23° 39.532'S 57° 23.723'W	SAN PEDRO	SP NOT EX
Casanillo	22° 11.609'S 59° 19.560'W	ALTO PARAGUAY	LIT
Puerto Bertoni	25° 39.590'S 54° 35.057'W	ALTO PARANA	LIT
Parque Nacional Cerro Corá	22° 39.113'S 56° 1.546'W	AMAMBAY	LIT
Gran Siete	22° 30.806'S 60° 35.766'W	BOQUERON	LIT
Estancia Kaa'gua Rory	24° 47.400'S 55° 39.920'W	CAAGUAZU	LIT
Estancia Golondrina-Caazapa	25° 32.363'S 55° 28.456'W	CAAZAPÁ	LIT
Parque Nacional Caaguazú	26° 4.223'S 55° 45.019'W	CAAZAPÁ	LIT
Mbaracayú Reserve	24° 8.093'S 55° 31.760'W	CANINDEYU	LIT
Reserva Natural Privada Itabó	24° 26.142'S 54° 39.953'W	CANINDEYU	LIT
Reserva de Patrimonio Aché de Kuetuvy	24° 17.197'S 55° 25.002'W	CANINDEYU	LIT
Estancia Juan de Salazar	23° 4.075'S 59° 15.457'W	PRESIDENTE HAYES	LIT
Ruta Transchaco km106	24° 39.791'S 57° 59.613'W	PRESIDENTE HAYES	LIT

Lago Ypoa	25° 56.679'S 57° 25.842'W	PARAGUARI	LIT
Chamorro Cué outskirts of San Pedro de Ycuamandyyú	24° 2.249'S 56° 52.018'W	SAN PEDRO	LIT
Patiño outskirts of San Pedro de Ycuamandyyú	24° 3.618'S 57° 0.129'W	SAN PEDRO	LIT
Reserva Itabó Itaipú	25° 4.317'S 54° 42.904'W	ALTO PARANA	PH
Reserva Limoy Itaipú	24° 45.537'S 54° 27.304'W	ALTO PARANA	PH
Reserva Mbaracayú Itaipú	24° 3.289'S 54° 17.953'W	CANINDEYU	PH
Loma Plata	22° 22.581'S 59° 50.426'W	BOQUERON	PH
Estancia Nueva Gambach	26° 38.212'S 55° 39.824'W	ITAPUA	PH
Reserva Kanguery	26° 30.753'S 55° 47.226'W	ITAPUA	PH
Reserva Natural Laguna Blanca	23° 48.865'S 56° 17.718'W	SAN PEDRO	PH
Tunacojai Indigenous Reserve	22° 3.897'S 59° 46.980'W	BOQUERON	OBS
Ñu Guazu	25° 15.727'S 57° 32.105'W	CENTRAL	OBS
Laguna Capitan	22° 32.504'S 59° 40.500'W	PRESIDENTE HAYES	OBS

## *Tolypeutes matacus*

Site	Coordinates	Department	Record Type
Destacamento Militar Gabino Mendoza	20° 2.476'S 61° 52.614'W	ALTO PARAGUAY	SP
Estancia Tres Marias	21° 15.759'S 59° 35.640'W	ALTO PARAGUAY	SP
Estancia Tres Marias	21° 16.819'S 59° 32.886'W	ALTO PARAGUAY	SP
Palmar de las Islas	19° 32.932'S 60° 31.577'W	ALTO PARAGUAY	SP
Aprox. 2km norte de la casa de admin, PN Tte Enciso	21° 11.620'S 61° 40.096'W	BOQUERON	SP
5km N Cruce de los Pioneros	22° 37.854'S 59° 45.235'W	BOQUERON	SP
15km al sur de la casa de la admin por la picada nueva de la Empresa de Madelon, PN Tte Enciso	21° 15.018'S 61° 31.512'W	BOQUERON	SP
24.4km E Mariscal Estigarribia	22° 2.875'S 60° 21.936'W	BOQUERON	SP
25km N of Filadelfia	22° 7.727'S 60° 2.038'W	BOQUERON	SP
Approx. 30km NO casa de control, PN Tte Enciso sobre la Transchaco	20° 58.582'S 61° 47.936'W	BOQUERON	SP
Approx 150km North of Filadelfia sobre la ruta	21° 6.490'S 59° 45.397'W	BOQUERON	SP
Base Aeronáutica Pratts Gill	22° 33.462'S 61° 36.810'W	BOQUERON	SP
Mariscal Estigarribia	22° 2.007'S 60° 38.005'W	BOQUERON	SP
Newland (=Neuland)	22° 39.112'S 60° 8.304'W	BOQUERON	SP
PN Tte Enciso	21° 12.509'S 61° 39.502'W	BOQUERON	SP
PN Tte Enciso	21° 8.209'S 61° 30.174'W	BOQUERON	SP
PN Tte Enciso	21° 11.192'S 61° 41.307'W	BOQUERON	SP
Ruta Transchaco 8km N, casa de admin., PN Tte Enciso	21° 8.772'S 61° 41.826'W	BOQUERON	SP
Estancia Salazar, Buey	23° 4.830'S 59° 13.766'W	PRESIDENTE HAYES	SP
Estancia Salazar, Galpón	23° 4.567'S 59° 15.182'W	PRESIDENTE HAYES	SP
Estancia Salazar, Represa Valente	23° 4.660'S 59° 15.673'W	PRESIDENTE HAYES	SP

Estancia Salazar, Retiro 3° tramo	22° 59.825'S 59° 16.226'W	PRESIDENTE HAYES	SP
Estancia Salazar, Romualdo Cue	23° 1.946'S 59° 11.342'W	PRESIDENTE HAYES	SP
Estancia Salazar, Tajamar Tereré	23° 4.471'S 59° 15.124'W	PRESIDENTE HAYES	SP
Estancia J. Salazar, 5km N Embarcadero	22° 59.347'S 59° 10.220'W	PRESIDENTE HAYES	SP
18km by rd W Fortín Madrejón	20° 35.960'S 60° 2.847'W	ALTO PARAGUAY	SP NOT EX
50km WNW Madrejón, Misión Nuevo Tribu	20° 26.449'S 60° 19.248'W	ALTO PARAGUAY	SP NOT EX
8 km N + 37 km W of Mayor Pablo Lagerenza	20° 4.501'S 61° 4.295'W	ALTO PARAGUAY	SP NOT EX
28 km N + 52 km W of Mayor Pablo Lagerenza	19° 42.352'S 61° 13.775'W	ALTO PARAGUAY	SP NOT EX
39 km WNW of Mayor Pablo Lagerenza	19° 44.733'S 60° 58.136'W	ALTO PARAGUAY	SP NOT EX
41 km WNW of Mayor Pablo Lagerenza	19° 44.048'S 60° 57.965'W	ALTO PARAGUAY	SP NOT EX
42km WNW Mayor Pablo Lagarenza and 6km N	19° 40.714'S 60° 56.982'W	ALTO PARAGUAY	SP NOT EX
42km WNW Mayor Pablo Lagarenza and 8km N	19° 39.868'S 60° 56.720'W	ALTO PARAGUAY	SP NOT EX
42km WNW Mayor Pablo Lagarenza and 11km N	19° 38.302'S 60° 56.330'W	ALTO PARAGUAY	SP NOT EX
42km WNW Mayor Pablo Lagarenza and 16km N	19° 35.583'S 60° 56.275'W	ALTO PARAGUAY	SP NOT EX
45 km WNW of Mayor Pablo Lagerenza	19° 47.023'S 61° 3.940'W	ALTO PARAGUAY	SP NOT EX
Capitán Pablo Lagerenza	19° 55.801'S 60° 46.336'W	ALTO PARAGUAY	SP NOT EX
Estancia Tres Marías	21° 16.626'S 59° 33.229'W	ALTO PARAGUAY	SP NOT EX
Gabino Mendoza	20° 2.516'S 61° 52.564'W	ALTO PARAGUAY	SP NOT EX
Laguna Placenta	21° 8.420'S 59° 26.238'W	ALTO PARAGUAY	SP NOT EX
Madrejon	20° 37.772'S 59° 52.780'W	ALTO PARAGUAY	SP NOT EX
Road to Fortín Lagarenza-i	20° 9.175'S 60° 58.034'W	ALTO PARAGUAY	SP NOT EX
Road to Puerto Casado	22° 15.121'S 58° 12.174'W	ALTO PARAGUAY	SP NOT EX
Palmar de las Islas	19° 39.11'S, 60° 35.88'W	ALTO PARAGUAY	SP NOT EX

30km W of Puerto Casado along railroad	22° 15.186'S	58° 13.916'W	ALTO PARAGUAY	SP NOT EX
Teniente Enciso	21° 10.842'S	61° 27.357'W	BOQUERON	SP NOT EX
Estancia Madelon, 15km S Tte Enciso park HQ	21° 14.903'S	61° 31.166'W	BOQUERON	SP NOT EX
Filadelfia, 37 km W; Estancia Toledo-Molineros	22° 21.054'S	60° 21.949'W	BOQUERON	SP NOT EX
10km south of Filadelfia	22° 26.479'S	60° 2.442'W	BOQUERON	SP NOT EX
11.8km by rd W Fortín Madrejón	20° 36.909'S	59° 59.448'W	BOQUERON	SP NOT EX
15km Fortín Boquerón direction de Pratts Gill	22° 43.114'S	60° 3.409'W	BOQUERON	SP NOT EX
20.1km by rd W Fortín Madrejón	20° 35.640'S	60° 3.980'W	BOQUERON	SP NOT EX
30km N Mariscal Estigarribia	21° 46.451'S	60° 34.644'W	BOQUERON	SP NOT EX
40 km NW of Pratt-Gill A.F. Base	22° 24.629'S	61° 45.291'W	BOQUERON	SP NOT EX
50km WSW of Fortín Madrejón	20° 43.629'S	60° 21.098'W	BOQUERON	SP NOT EX
474km (by road) NW Villa Hayes	22° 10.104'S	60° 28.168'W	BOQUERON	SP NOT EX
km483 Transchaco	22° 18.100'S	60° 18.561'W	BOQUERON	SP NOT EX
km590 Transchaco	21° 40.461'S	61° 4.767'W	BOQUERON	SP NOT EX
km764 Transchaco	20° 31.053'S	62° 9.062'W	BOQUERON	SP NOT EX
Estancia La Conquista, Pratts Gill	22° 35.121'S	61° 45.221'W	BOQUERON	SP NOT EX
Fortín Toledo	22° 21.374'S	60° 20.389'W	BOQUERON	SP NOT EX
Loma Plata Mennonite Colony	22° 23.325'S	59° 49.752'W	BOQUERON	SP NOT EX
Nueva Asunción	20° 42.585'S	61° 55.510'W	BOQUERON	SP NOT EX
Estancia Iparoma, 19km by road N Filadelfia	22° 12.002'S	60° 3.032'W	BOQUERON	SP NOT EX
1.5 km W of line camp; Juan de Zalazar	23° 6.862'S	59° 20.781'W	PRESIDENTE HAYES	SP NOT EX
4 km W of line camp; Juan de Zalazar	23° 7.455'S	59° 21.773'W	PRESIDENTE HAYES	SP NOT EX
4 km S of Rio Verde, 5 km E of Trans-Chaco	23° 15.260'S	59° 7.908'W	PRESIDENTE HAYES	SP NOT EX
5Km NE of Line Camp, on Rio Verde; Juan de Zalazar	23° 6.315'S	59° 17.268'W	PRESIDENTE HAYES	SP NOT EX

5km NE Pozo Colorado	23° 27.296'S	58° 45.918'W	PRESIDENTE HAYES	SP NOT EX
km305 Transchaco	23° 21.100'S	59° 4.984'W	PRESIDENTE HAYES	SP NOT EX
General Bruguez	24° 44.882'S	58° 49.353'W	PRESIDENTE HAYES	SP NOT EX
85km E Loma Plata, Laguna Pora	22° 38.118'S	59° 3.314'W	PRESIDENTE HAYES	SP NOT EX
10km E of Nuevo Retiro Aloncito	23° 44.852'S	60° 2.443'W	PRESIDENTE HAYES	SP NOT EX
Chaco Experimental Station 295km NW (by road) Villa Hayes	23° 12.400'S	59° 12.332'W	PRESIDENTE HAYES	SP NOT EX
Estancia Elsitá	23° 42.482'S	59° 49.319'W	PRESIDENTE HAYES	SP NOT EX
Estancia Hermosa, Rio Siete Puntas, 100km W Concepción	23° 42.940'S	58° 21.763'W	PRESIDENTE HAYES	SP NOT EX
Puerto Pinasco, 110km W	22° 52.640'S	58° 39.341'W	PRESIDENTE HAYES	SP NOT EX
Vicinity of km 300; Juan de Zalazar	23° 9.618'S	59° 12.442'W	PRESIDENTE HAYES	SP NOT EX
Transchaco -23.351, -58.737	23° 21.060'S	58° 44.220'W	PRESIDENTE HAYES	SP NOT EX
Cerro León	20° 25.702'S	60° 18.835'W	ALTO PARAGUAY	LIT
Laguna Mbigua, Riacho Mosquito	22° 13.510'S	59° 4.306'W	BOQUERON	LIT
Estancia Pozdam	22° 45.143'S	60° 27.055'W	BOQUERON	LIT
Gran Siete	22° 30.858'S	60° 36.022'W	BOQUERON	LIT
surroundings of Laguna India 21° 21-39'S, 59° 51-54'W	21° 32.067'S	59° 53.029'W	BOQUERON	LIT
Toledo	22° 21.364'S	60° 20.498'W	BOQUERON	LIT
PN Defensores del Chaco	20° 20.501'S	60° 31.917'W	ALTO PARAGUAY	PH
Loma Plata	22° 22.625'S	59° 49.698'W	BOQUERON	PH
Parque Nacional Teniente Enciso	21° 12.584'S	61° 39.381'W	BOQUERON	PH
Tunakojai Indigenous Reserve	22° 3.928'S	59° 47.004'W	BOQUERON	PH
Estancia Golondrina	25° 3.250'S	57° 37.217'W	PRESIDENTE HAYES	PH
Puerto 14 de Mayo (Karcha Bahlut)	20° 20.267'S	58° 6.150'W	ALTO PARAGUAY	OBS



***Priodontes maximus***

Site	Coordinates	Department	Record Type
Chovoreka	19° 22.803'S 59° 2.973'W	ALTO PARAGUAY	SP
Fortín Madrejón	20° 37.757'S 59° 52.798'W	ALTO PARAGUAY	SP
PN Defensores del Chaco	20° 22.414'S 60° 32.051'W	ALTO PARAGUAY	SP
Pozuelo	24° 31.202'S 54° 33.689'W	CANINDEYU	SP
Estancia Sofía	24° 24.930'S 59° 5.045'W	PRESIDENTE HAYES	SP
Ruta Trans-Chaco km379	22° 40.580'S 59° 44.910'W	PRESIDENTE HAYES	SP
144km NE Filadelfia	21° 34.727'S 58° 54.348'W	ALTO PARAGUAY	SP NOT EX
Colonia San Miguel Arcángel, Distrito de Fuerte Olimpo	20° 15.452'S 59° 32.439'W	ALTO PARAGUAY	SP NOT EX
Puerto Casado	22° 17.404'S 57° 56.587'W	ALTO PARAGUAY	SP NOT EX
Mariscal Estigarribia	22° 1.553'S 60° 36.159'W	BOQUERON	SP NOT EX
85km E Loma Plata, Laguna Pora	22° 38.099'S 59° 3.195'W	PRESIDENTE HAYES	SP NOT EX
Estancia Deolinda	23° 23.583'S 58° 23.146'W	PRESIDENTE HAYES	SP NOT EX
Rio Verde, Estancia Kent	23° 6.674'S 59° 13.254'W	PRESIDENTE HAYES	SP NOT EX
surroundings of 20° 29'S, 60° 18'W	20° 29.028'S 60° 18.162'W	ALTO PARAGUAY	LIT
Parque Nacional Cerro Corá	22° 39.058'S 56° 1.525'W	AMAMBAY	LIT
Colonia Ayoreo Campo Loro	22° 4.797'S 59° 50.443'W	BOQUERON	LIT
Pirayú	25° 28.751'S 57° 13.758'W	PARAGUARI	LIT
approximately 35km S of Madrejón by road	20° 56.024'S 59° 49.342'W	ALTO PARAGUAY	PH
near Fuerte Olimpo	21° 2.432'S 57° 52.295'W	ALTO PARAGUAY	PH
Estancia Beatriz close to Cruce Paragro	21° 54.105'S 58° 38.482'W	ALTO PARAGUAY	PH
Estancia Morocha	21° 9.535'S 58° 52.754'W	ALTO PARAGUAY	PH
Chaco Lodge	22° 30.848'S 59° 18.995'W	PRESIDENTE HAYES	OBS

### *Cabassous chacoensis*

Site	Coordinates	Department	Record Type
Estancia Toro 1-Madrejón	20° 35.834'S 59° 45.572'W	ALTO PARAGUAY	SP
Filadelfia	22° 20.338'S 60° 1.615'W	BOQUERON	SP
26.5km east of Mariscal Estigarribia	22° 3.085'S 60° 20.949'W	BOQUERON	SP
5-7km W Juan de Zalazar	23° 4.430'S 59° 18.202'W	PRESIDENTE HAYES	SP
Campo Loa area in front of Estancia Amistad	22° 23.306'S 60° 29.800'W	BOQUERÓN	LIT
area around Toledo” (=Fortín Toledo)	22° 21.444'S 60° 20.570'W	BOQUERON	LIT
Estancia Mariposa	21° 43.564'S 61° 21.043'W	BOQUERON	LIT
Fortín Toledo	22° 21.435'S 60° 20.328'W	BOQUERON	PH
Chaco Lodge	22° 30.931'S 59° 18.948'W	PRESIDENTE HAYES	PH
Estancia 120km north of Filadelfia near Picada Ancha	21° 21.474'S 59° 50.564'W	BOQUERON	OBS

## *Cabassous tatouay*

Site	Coordinates	Department	Record Type
near Cerro Corá	22° 39.260'S 56° 0.113'W	AMAMBAY	SP
Reserva Natural Laguna Blanca	23° 48.821'S 56° 17.717'W	SAN PEDRO	SP
Reserva Mbaracayú	24° 8.095'S 55° 31.694'W	CANINDEYU	SP NOT EX
Capitán Meza	26° 49.737'S 55° 20.333'W	ITAPUA	SP NOT EX
Curupaity	27° 6.732'S 58° 34.408'W	ÑEEMBUCU	SP NOT EX
Puerto Bertoni	25° 39.566'S 54° 35.064'W	ALTO PARANA	LIT
Reserva Natural Tapytá	26° 15.011'S 55° 50.011'W	CAAZAPA	LIT
Reserva Bosque Mbaracayú	24° 8.014'S 55° 31.764'W	CANINDEYU	LIT
Reserva de Patrimonio Aché de Kuetuvy town of my friend Noséda around 27° (=San Ignacio)	24° 17.172'S 55° 25.013'W	CANINDEYU	LIT
	26° 53.192'S 57° 1.744'W	MISIONES	LIT
Reserva Natural Privada Ypeti	25° 40.457'S 55° 29.674'W	CAAZAPÁ	PH
Estancia Nueva Gambach	26° 38.111'S 55° 39.760'W	ITAPUA	PH
Yaguarete Forest	23° 38.088'S 56° 4.833'W	SAN PEDRO	OBS

***Cabassous unicinctus***

<b>Site</b>	<b>Coordinates</b>	<b>Department</b>	<b>Record Type</b>
Parque Nacional Cerro Corá (approx. 1.5 km east of administration)	22° 39.070'S 56° 0.680'W	AMAMBAY	SP
Estancia Las Mañanitas	23° 41.288'S 56° 12.941'W	SAN PEDRO	SP
Reserva Natural Laguna Blanca	23° 48.883'S 56° 17.710'W	SAN PEDRO	SP
Apa-mi, 10km S Bella Vista road to Sargento E López, 20km north to Estancia Laguna Negra	22° 10.472'S 56° 26.848'W	AMAMBAY	SP NOT EX
	22° 51.920'S 57° 3.593'W	CONCEPCION	SP NOT EX
Estancia Pa'i Kuará	23° 14.229'S 55° 57.000'W	AMAMBAY	PH

***Calyptophractus retusus***

<b>Site</b>	<b>Coordinates</b>	<b>Department</b>	<b>Record Type</b>
Comunidad Indígena Campo Loro	22° 4.770'S 59° 50.526'W	BOQUERON	SP
Parque Nacional Teniente Enciso	21° 12.508'S 61° 39.294'W	BOQUERON	SP
15km S Filadelfia	22° 29.662'S 60° 0.145'W	BOQUERON	SP NOT EX
Teniente Enciso	21° 12.558'S 61° 39.260'W	BOQUERON	SP NOT EX
Neu Halbstat	22° 38.692'S 60° 7.478'W	BOQUERON	LIT
Parque Nacional Teniente Enciso	21° 12.614'S 61° 39.303'W	BOQUERON	PH

***Euphractus sexcinctus***

Site	Coordinates	Department	Record Type	Comments
12km E of Aguadulce sobre línea 1	19° 59.032'S 59° 38.697'W	ALTO PARAGUAY	SP	
PN Defensores del Chaco a 8km E de la Adm, Línea 1	19° 59.031'S 59° 40.840'W	ALTO PARAGUAY	SP	
Parque Nacional Defensores del Chaco	19° 59.223'S 59° 45.709'W	ALTO PARAGUAY	SP	
San Pedro, Pto. Casado	22° 17.188'S 57° 57.454'W	ALTO PARAGUAY	SP	
road to monument 1.5km N casa de Admn. PN Cerro Corá	22° 38.351'S 56° 1.314'W	AMAMBAY	SP	
Agua Lidia	20° 56.035'S 59° 49.270'W	BOQUERON	SP	
Mbaracayú Wildlife Reserve airstrip at central camp	24° 8.253'S 55° 25.603'W	CANINDEYU	SP	
San Lorenzo	25° 20.319'S 57° 30.751'W	CENTRAL	SP	
Paso Barreto	23° 2.820'S 57° 7.381'W	CONCEPCION	SP	
Isla Yacyreta	27° 25.949'S 56° 46.004'W	ITAPUA	SP	
PN Ybycuí muerto en el camino a 1km N de la Fundición La Rosada	26° 5.284'S 56° 50.719'W	PARAGUARI	SP	
Urukurea	24° 11.240'S 56° 38.443'W	SAN PEDRO	SP	
Laguna Blanca	23° 48.750'S 56° 17.706'W	SAN PEDRO	SP	
Refugio Biológico Itabó, Itaipú	25° 4.393'S 54° 42.649'W	ALTO PARANA	SP NOT EX	
60km by road N Fortín Madrejón	20° 6.936'S 59° 45.520'W	ALTO PARAGUAY	SP NOT EX	
114km W Puerto Sastre	21° 56.507'S 59° 3.179'W	ALTO PARAGUAY	SP NOT EX	
Aguadulce, 90km NE Madrejón	19° 59.042'S 59° 36.287'W	ALTO PARAGUAY	SP NOT EX	
surroundings of 20° 46-57'S, 59° 48-53'W	20° 50.788'S 59° 51.288'W	ALTO PARAGUAY	SP NOT EX	
km 654.5 Transchaco road	21° 19.010'S 61° 34.201'W	BOQUERON	SP NOT EX	
Sargento Rodríguez, km 764 Transchaco road	20°33'0" S 62°13'60" W	BOQUERON	SP NOT EX	
Access to Loma Plata, 4km N Transchaco	22° 32.400'S 59° 50.152'W	BOQUERON	SP NOT EX	
surroundings of 22° 34'S, 59° 20'W	22° 34.135'S 59° 20.369'W	BOQUERON	SP NOT EX	

Nueva Italia	25° 36.865'S 57° 27.932'W	CENTRAL	SP NOT EX
Salado River	25° 8.719'S 57° 25.512'W	CENTRAL	SP NOT EX
Sapucay 4km E of Transchaco bridge, right bank of Rio Verde, Zalazar	25° 40.086'S 56° 57.138'W	PARAGUARI	SP NOT EX
4km NW of Line Camp, Juan de Zalazar	23° 5.516'S 59° 20.952'W	PRESIDENTE HAYES	SP NOT EX
8km NE Juan de Zalazar	23° 1.159'S 59° 12.610'W	PRESIDENTE HAYES	SP NOT EX
km 94 Transchaco	24° 44.091'S 57° 55.252'W	PRESIDENTE HAYES	SP NOT EX
km 100 approx Transchaco	24° 42.266'S 57° 57.748'W	PRESIDENTE HAYES	SP NOT EX
295km (by road) Villa Hayes	23° 12.537'S 59° 12.004'W	PRESIDENTE HAYES	SP NOT EX
Estancia Elsita	23° 42.471'S 59° 49.408'W	PRESIDENTE HAYES	SP NOT EX
Laguna Pora, 85km E Loma Plata	22° 38.214'S 59° 3.243'W	PRESIDENTE HAYES	SP NOT EX
Puerto Rio Negro	20° 9.924'S 58° 10.307'W	ALTO PARAGUAY	LIT
Estancia San Antonio	25° 18.699'S 55° 20.493'W	ALTO PARANA	LIT
Gran Siete	22° 30.862'S 60° 35.893'W	BOQUERON	LIT
Reserva Natural Tapytá	26° 15.210'S 55° 49.791'W	CAAZAPA	LIT
Mbaracayú Reserve	24° 8.052'S 55° 31.679'W	CANINDEYU	LIT
General Díaz	27° 12.080'S 58° 22.130'W	ÑEEMBUCÚ	LIT
Laguna General Diaz	21° 7.791'S 58° 33.094'W	PRESIDENTE HAYES	LIT
Laguna Pora	22° 38.159'S 59° 3.295'W	PRESIDENTE HAYES	LIT
Chamorro Cué outskirts of San Pedro de Ycuamandyyú	24° 2.426'S 56° 51.893'W	SAN PEDRO	LIT
Pirí Pucú outskirts of San Pedro de Ycuamandyyú	23° 52.914'S 57° 8.136'W	SAN PEDRO	LIT
Toro Pampa	21° 0.839'S 58° 27.780'W	ALTO PARAGUAY	PH
Central Chaco	22° 15.050'S 60° 22.547'W	BOQUERON	PH
near Loma Plata	22° 20.960'S 59° 50.284'W	BOQUERON	PH
Reserva Natural Laguna Blanca	23° 48.889'S 56° 17.681'W	SAN PEDRO	PH
Cercanías de San Carlos del Apa	22° 15.250'S 57° 20.200'W	Concepción	PH

Ruta Pozo Colorado - Concepción	23° 29.700'S 58° 29.917'W	PRESIDENTE HAYES	OBS	Roadkill
Estación Biológica Tres Gigantes	20° 4.733'S 58° 9.640'W	ALTO PARAGUAY	OBS	



## *Chaetophractus villosus*

Site	Coordinates	Department	Record Type
5km north Madrejón admin., PN Defensores del Chaco	20° 35.373'S 59° 51.504'W	ALTO PARAGUAY	SP
5km south Madrejón admin., PN Defensores del Chaco	20° 40.487'S 59° 53.075'W	BOQUERON	SP
10km al sur de Madrejón por el camino PN Tte Enciso approx 3km este sobre el límite sur	20° 43.192'S 59° 53.223'W	BOQUERON	SP
PN Tte Enciso 500km SE de la casa de control por la picada	21° 12.331'S 61° 37.651'W	BOQUERON	SP
Ruta Transchaco 3km N casa de admin, PN Tte Enciso	21° 12.665'S 61° 39.257'W	BOQUERON	SP
Ruta Transchaco 10km N casa de admin, PN Tte Enciso	21° 11.166'S 61° 40.359'W	BOQUERON	SP
Salazar, Galpón	21° 7.839'S 61° 42.361'W	BOQUERON	SP
6km NW of Madrejón on old road to Cerro León	23° 4.619'S 59° 15.151'W	PRESIDENTE HAYES	SP
Fortin Madrejon	20° 36.464'S 59° 55.763'W	ALTO PARAGUAY	SP NOT EX
Sargento Rodríguez, Transchaco km 764	20° 37.805'S 59° 52.807'W	ALTO PARAGUAY	SP NOT EX
Estancia Iparoma, 19km by road N Filadelfia	20° 31.026'S 62° 9.023'W	BOQUERON	SP NOT EX
Copagro, km590 Transchaco	22° 12.093'S 60° 3.026'W	BOQUERON	SP NOT EX
Garrapatal	21° 40.534'S 61° 4.668'W	BOQUERON	SP NOT EX
Teniente Enciso KM 655	21° 26.049'S 61° 28.664'W	BOQUERON	SP NOT EX
25km W Teniente Enciso	21° 18.496'S 61° 34.945'W	BOQUERON	SP NOT EX
390km NW (by road) Villa Hayes	21° 18.610'S 61° 52.381'W	BOQUERON	SP NOT EX
Dr. Pedro P. Peña	22° 36.106'S 59° 48.447'W	BOQUERON	SP NOT EX
Colonia Neuland	22° 27.333'S 62° 20.286'W	BOQUERON	SP NOT EX
Ruta Transchaco km697	22° 39.483'S 60° 8.480'W	BOQUERON	SP NOT EX
	20° 58.949'S 61° 47.695'W	BOQUERON	SP NOT EX

Orloff	22° 19.084'S 59° 54.319'W	BOQUERON	SP NOT EX
8km NW headquarters, Estancia Juan de Salazar	23° 2.566'S 59° 19.047'W	PRESIDENTE HAYES	SP NOT EX
Estancia Hermosa	23° 42.920'S 58° 21.771'W	PRESIDENTE HAYES	SP NOT EX
Estancia Samaklay	23° 30' 00" S 59° 54' 00" W	PRESIDENTE HAYES	SP NOT EX
Fortín Madrejón	20° 37.785'S 59° 52.770'W	ALTO PARAGUAY	LIT
25km by road NW Mariscal Estigarribia	21° 53.291'S 60° 47.071'W	BOQUERON	LIT
27km by road NW Teniente Ochoa	21° 36.494'S 61° 10.222'W	BOQUERON	LIT
30km by road NW Teniente Ochoa	21° 35.501'S 61° 11.613'W	BOQUERON	LIT
35km by road SE Teniente Enciso	21° 25.604'S 61° 25.201'W	BOQUERON	LIT
42km by road SE Teniente Pratt Gill airforce base	22° 54.722'S 61° 24.706'W	BOQUERON	LIT
Dr. Pedro P. Peña	22° 27.437'S 62° 20.248'W	BOQUERON	LIT
Estancia Iparoma, 19km by road N			
Filadelfia	22° 12.111'S 60° 2.891'W	BOQUERON	LIT
Fortín Sargento Rodríguez	20° 33.792'S 62° 15.947'W	BOQUERON	LIT
Juan de Salazar	23° 4.546'S 59° 15.296'W	PRESIDENTE HAYES	LIT
Parque Nacional Teniente Enciso	21° 12.686'S 61° 39.371'W	BOQUERON	PH
Ruta Transchaco km634	21° 32.452'S 61° 15.808'W	BOQUERON	PH

## *Chaetophractus vellerosus*

Site	Coordinates	Department	Record Type
Estancia Campo Grande 3km norte Filadelfia sobre el camino para Montanía	19° 46.511'S 59° 46.515'W	ALTO PARAGUAY	SP
60km E Filadelfia	22° 18.691'S 60° 3.549'W	BOQUERON	SP
Filadelfia	22° 21.345'S 59° 27.634'W	BOQUERON	SP
PN Tte Enciso	22° 21.104'S 60° 1.007'W	BOQUERON	SP
Transchaco camino a PN Médanos del Chaco	21° 12.528'S 61° 39.355'W	BOQUERON	SP
Alto Paraná, Capitán Meza	20° 51.425'S 61° 52.325'W	BOQUERON	SP
Filadelfia	26° 50.063'S 55° 19.959'W	ITAPUA ??????	SP ??????
Estancia Iparoma, 19km N Filadelfia	22° 21.255'S 60° 2.681'W	BOQUERON	SP NOT EX
30km W of guesthouse, km320	22° 12.211'S 60° 2.942'W	BOQUERON	SP NOT EX
Transchaco, Juan de Zalazar	23° 0.394'S 59° 17.843'W	PRESIDENTE HAYES	SP NOT EX
Parque Nacional Defensores del Chaco	20° 27.269'S 60° 18.967'W	ALTO PARAGUAY	LIT
24km by road NW Teniente Ochoa	21° 37.563'S 61° 8.788'W	BOQUERON	LIT
27km by road NW Teniente Ochoa	21° 36.535'S 61° 10.103'W	BOQUERON	LIT
390km by road (Route 9) NW Villa Hayes	22° 36.149'S 59° 48.388'W	BOQUERON	LIT
Estancia Iparoma, 19km by road N Filadelfia	22° 11.983'S 60° 2.864'W	BOQUERON	LIT
Parque Nacional Teniente Enciso	21° 12.607'S 61° 39.338'W	BOQUERON	LIT
between Para Todos and 25 Leguas	23° 0.470'S 59° 37.269'W	PRESIDENTE HAYES	LIT
Juan de Salazar	23° 4.534'S 59° 14.692'W	PRESIDENTE HAYES	LIT
Parque Nacional Defensores del Chaco	20° 26.461'S 60° 18.723'W	ALTO PARAGUAY	PH
Cuenca Upper Yacaré Sur	22° 37.962'S 59° 11.116'W	PRESIDENTE HAYES	PH
Laguna Capitán	22° 32.444'S 59° 40.509'W	PRESIDENTE HAYES	PH
Fortín Toledo	22° 21.294'S 60° 20.484'W	BOQUERON	OBS

## *Myrmecophaga tridactyla*

Site	Coordinates	Department	Record Type	Comments
10 km NW de Bahía Negra (línea recta) 35km west of administration PN Defensores del Chaco	20° 11.330'S 58° 15.560'W	ALTO PARAGUAY	SP	
Aguadulce	19° 59.041'S 59° 45.501'W	ALTO PARAGUAY	SP	
Palmar de las Islas	19° 33.232'S 60° 31.790'W	ALTO PARAGUAY	SP	
Tres Gigantes	20° 4.716'S 58° 9.646'W	ALTO PARAGUAY	SP	
Bella Vista	22° 7.521'S 56° 29.926'W	AMAMBAY	SP	
km595 Ruta Trans Chaco Estancia San Ramón 48km west of Colonia Neuland	21° 38.756'S 61° 7.071'W	BOQUERON	SP	
runway Teniente Enciso	22° 41.363'S 60° 35.091'W	BOQUERON	SP	
77 Km. NW. Madrejon, 15 Km N. on Line 6.	21° 12.483'S 61° 39.545'W	BOQUERON	SP	
Copagro, 4km SE Transchaco km589	20° 14.479'S 60° 31.982'W	ALTO PARAGUAY	SP NOT EX	
410km NW (by road) Villa Hayes junction of Iguazú and Yuqueri rivers	21° 36.686'S 61° 10.006'W	BOQUERON	SP NOT EX	
Est. Juan de Zalazar	22° 30.560'S 59° 58.302'W	BOQUERON	SP NOT EX	
Waikthlatingmayalwa	25° 16.592'S 55° 35.406'W	CAAGUAZU	SP NOT EX	
approx 275km NW by rd NW Villa Hayes surroundings of 22° 34'S, 59° 20'W"	23° 4.257'S 59° 14.859'W	PRESIDENTE HAYES	SP NOT EX	
Reserva Bosque Mbaracayú	23° 25.070'S 58° 20.112'W	PRESIDENTE HAYES	SP NOT EX	
Reserva Natural Tapytá	23° 19.691'S 59° 6.483'W	PRESIDENTE HAYES	SP NOT EX	
km200-250 of Ruta Transchaco	22° 34.275'S 59° 20.380'W	BOQUERON	LIT	
Garay Cué	24° 8.089'S 55° 31.705'W	CANINDEYU	LIT	
Tres Gigantes	26° 15.862'S 55° 47.553'W	CAAZAPA	LIT	
Ruta Transchaco km600	23° 53.234'S 58° 26.824'W	PRESIDENTE HAYES	LIT	
Ruta a Vallemí	22° 41.534'S 57° 22.104'W	CONCEPCION	LIT	
	20° 4.746'S 58° 9.663'W	ALTO PARAGUAY	PH	
	21° 37.158'S 61° 9.328'W	BOQUERON	PH	
	22° 20.806'S 57° 44.075'W	CONCEPCIÓN	PH	

Km 293

23° 24.383'S 58° 58.050'W

PRESIDENTE HAYES

OBS

Roadkill

## *Tamandua tetradactyla*

Site	Coordinates	Department	Record Type
PN Defensores del Chaco 3.5km west of Aguadulce	19° 59.040'S 59° 47.468'W	ALTO PARAGUAY	SP
4km west of Aguadulce	19° 59.068'S 59° 47.838'W	ALTO PARAGUAY	SP
PN Defensores del Chaco, Cerro León	20° 25.792'S 60° 18.842'W	ALTO PARAGUAY	SP
PN Cerro Corá	22° 39.129'S 56° 1.543'W	AMAMBAY	SP
PN Cerro Corá 1km west of administratio	22° 39.101'S 56° 0.916'W	BOQUERON	SP
Estancia La Gama	22° 41.750'S 60° 25.413'W	BOQUERON	SP
Estancia San Ramón 48km west of Colonia Neuland	22° 41.574'S 60° 34.964'W	BOQUERON	SP
Estancia Melgarejo, Isla Yacyreta	27° 25.964'S 56° 22.937'W	ITAPUA	SP
km137 Ruta Trans Chaco	24° 24.533'S 58° 4.624'W	PRESIDENTE HAYES	SP
Approx. km139 of Ruta Trans Chaco	24° 23.834'S 58° 5.600'W	PRESIDENTE HAYES	SP
Ruta Trans Chaco km182	24° 6.707'S 58° 19.862'W	PRESIDENTE HAYES	SP
Aguadulce 123km E Mayor Pablo Lagarenza	19° 59.020'S 59° 45.528'W	ALTO PARAGUAY	SP NOT EX
Puerto Casado, Estancia Casilda	22° 16.418'S 58° 0.764'W	ALTO PARAGUAY	SP NOT EX
km567 Transchaco	21° 48.108'S 60° 54.214'W	BOQUERON	SP NOT EX
6.3km by road NE Curuguaty	24° 26.251'S 55° 38.546'W	CANINDEYU	SP NOT EX
Pozuelo	24° 31.419'S 54° 33.661'W	CANINDEYU	SP NOT EX
30km SE Estancia Santa Maria	22° 59.186'S 57° 21.835'W	CONCEPCION	SP NOT EX
Parque Nacional Ybycuí	26° 5.184'S 56° 50.764'W	PARAGUARI	SP NOT EX
km165 Ruta Transchaco	24° 14.987'S 58° 16.771'W	PRESIDENTE HAYES	SP NOT EX
km169 Ruta Transchaco	24° 12.931'S 58° 17.626'W	PRESIDENTE HAYES	SP NOT EX
km200 Ruta Transchaco	23° 58.527'S 58° 25.424'W	PRESIDENTE HAYES	SP NOT EX
km285 Ruta Transchaco	23° 25.167'S 58° 56.565'W	PRESIDENTE HAYES	SP NOT EX
Inmediaciones del km 140, Ruta Transchaco	24° 23.124'S 58° 6.012'W	PRESIDENTE HAYES	SP NOT EX

Chaco Experimental Station 295km NW (by road) Villa Hayes	23° 12.433'S 59° 12.207'W	PRESIDENTE HAYES	SP NOT EX
km230 rte Tranchaco	23° 46.408'S 58° 33.989'W	PRESIDENTE HAYES	SP NOT EX
46km by road ENE Mbutuy	24° 43.072'S 56° 0.836'W	SAN PEDRO	SP NOT EX
Puerto Bertoni	25° 39.581'S 54° 35.068'W	ALTO PARANA	LIT
Vivero Forestal, Itaipú	25° 26.743'S 54° 38.102'W	ALTO PARANA	LIT
Parque Nacional Caaguazú	26° 4.978'S 55° 45.251'W	CAAZAPA	LIT
Reserva Natural Tapytá	26° 15.809'S 55° 47.177'W	CAAZAPA	LIT
Reserva Bosque Mbaracayú	24° 8.141'S 55° 31.748'W	CANINDEYU	LIT
Garay Cué	22° 41.302'S 57° 22.181'W	CONCEPCION	LIT
Reserva Natural Privada Golondrina	24° 58.122'S 57° 41.543'W	PRESIDENTE HAYES	LIT
Estancia Cachiveo	23° 56.404'S 57° 29.378'W	PRESIDENTE HAYES	PH
Ruta Transchaco km200	23° 58.571'S 58° 25.420'W	PRESIDENTE HAYES	PH
Ruta Transchaco km250	23° 38.466'S 58° 42.023'W	PRESIDENTE HAYES	PH
Reserva Natural Laguna Blanca	23° 48.847'S 56° 17.718'W	SAN PEDRO	PH
Cabañas	22° 55.000'S 57° 9.000'W	CORDILLERA	PH
Camino a San Carlos del Apa	22° 24.000'S 57° 28.000'W	CONCEPCIÓN	PH
Línea 2 - 6.5 km de Bahía Negra	20° 15.550'S 58° 13.833'W	ALTO PARAGUAY	OBS
Laguna Capitán	22° 32.485'S 59° 40.455'W	PRESIDENTE HAYES	OBS
Fortín Toledo	22° 21.219'S 60° 20.484'W	BOQUERON	OBS
Estancia Tres Hermanas del Apa	22° 8.304'S 57° 53.624'W	CONCEPCION	OBS
Carmen del Paraná	27° 12.960'S 56° 8.575'W	ITAPUA	OBS
Hotel Tirol	27° 11.000'S 55° 46.659'W	ITAPUA	OBS
near Quindy	25° 55.797'S 57° 15.581'W	PARAGUARI	OBS