

Electronic Supplementary Material 6 – Stingless-bee ethnospecies cited in Guaraní studies (2005–2021)

Table S1. Stingless bee ethnospecies cited in Guaraní studies (2005–2021). Scientific identifications inferred through ethnoentomological methods (interviews, free listings, participatory workshops, guided walks), cross-referenced with regional taxonomic keys without direct voucher verification.

No	Ethnospecies (vernacular)	Rodrigues 2005 (Mbya- SP)	Ballivián 2008 (Mbya-RS)	Cebolla 2009 (Mbya- Misiones)	Damasco 2021 (Mbya-PR)	Pedro 2021 (Kaiowá- MS)	Scientific name and authority	Certainty ¹	Key traits ²
1	Ei irapua	x	—	—	—	—	<i>Trigona spinipes</i> Fabricius, 1793	Confirmed	Defensive
2	Ei mirĩ	x	—	—	—	—	<i>Plebeia</i> sp.	Probable	Small size
3	Ei mirĩ'i/Pyanguaréi mirĩ	x	—	x	x	—	<i>Friesella schrottkyi</i> Fries, 1900	Probable	Small size
4	Ei porecha chu'u	—	—	x	—	—	<i>Meliponini</i> sp.	Uncertain	Undefined
5	Ei pytã	x	—	—	—	—	<i>Tetragona clavipes</i> (Fabricius, 1804)	Confirmed	Reddish
6	Ei raviju	x	—	—	—	—	<i>Melipona quadrifasciata</i> Lepeletier, 1836	Confirmed	Robust bee

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7	Ei ruchu	—	—	x	—	—	<i>Melipona scutellaris</i> Latreille, 1811	Confirmed	Large nests
8	Ei tapexua	x	—	—	—	—	<i>Cephalotrigona capitata</i> (Smith, 1854)	Confirmed	Large nests
9	Ei tata/Tata éi	x	—	x	x	x	<i>Oxytrigona tataira</i> (Smith, 1863)	Confirmed	Aggressive
10	Eira pu'a/Karavosá	—	—	x	x	x	<i>Trigona spinipes</i> Fabricius, 1793	Confirmed	Defensive
11	Eira viju	—	—	x	x	—	<i>Melipona marginata</i> Lepeletier, 1836; <i>Melipona bicolor</i> Lepeletier, 1836	Probable	Dark colour
12	Eichu guachu	—	—	x	—	—	<i>Brachygastra</i> sp.	Uncertain	Wasp-like
13	Eichu'i	—	—	x	—	—	<i>Brachygastra</i> <i>lecheguana</i> (Latreille, 1824)	Confirmed	Wasp-like

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14	Evora	—	—	x	—	—	<i>Tetragona clavipes</i> (Fabricius, 1804)	Confirmed	Reddish
15	Guarykua	x	x	—	—	—	<i>Melipona bicolor</i> Lepeletier, 1836	Confirmed	Robust bee
16	Jateí/Jate'i	x	—	x	x	—	<i>Tetragonisca angustula</i> (Latreille, 1811)	Confirmed	Small size
17	Jateí guasu	—	—	—	—	x	<i>Melipona quadrifasciata</i> Lepeletier, 1836	Confirmed	Robust bee
18	Jateí mirim	—	—	—	—	x	<i>Tetragonisca angustula</i> (Latreille, 1811)	Confirmed	Small size
19	Mandori/Madori	x	x	x	x	x	<i>Melipona marginata</i> Lepeletier, 1836	Confirmed	Dark colour
20	Pyanguaréi guachu	—	—	x	x	—	<i>Plebeia droryana</i> (Friese, 1900)	Confirmed	Small size
21	Tapechua	—	—	x	x	—	<i>Scaptotrigona postica</i> (Latreille, 1807)	Confirmed	Aggressive

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22	Yvy ei	x	—	—	—	—	<i>Paratrigona</i> sp.	Uncertain	Subterranean nests
23	Yvyéí	—	—	—	—	x	<i>Paratrigona subnuda</i> (Moure, 1947)	Confirmed	Subterranean nests
24	Yvyra'ija	—	—	x	x	—	<i>Lestrimelitta limao</i> (Smith, 1863)	Confirmed	Honey raider

¹ Certainty: Confirmed (validated widely in literature), Probable (convergent evidence without direct specimen), Uncertain (only genus-level identification).

² Traits based on indigenous descriptors (morphology, nest structure, behavior).