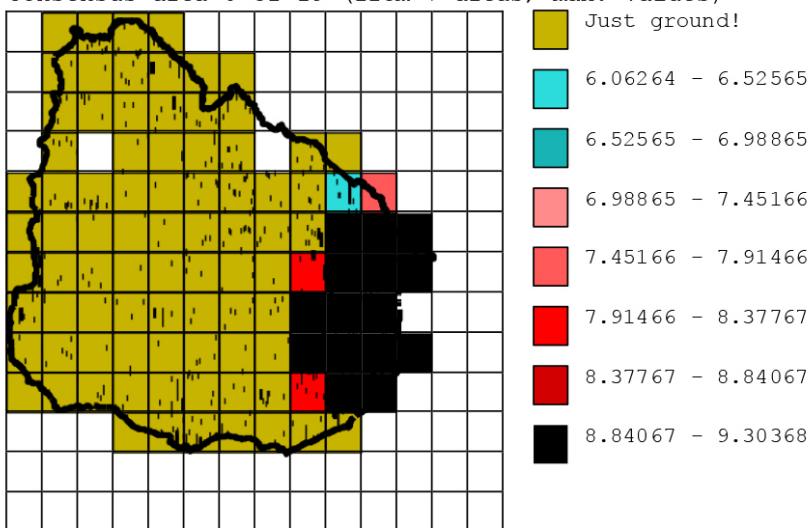


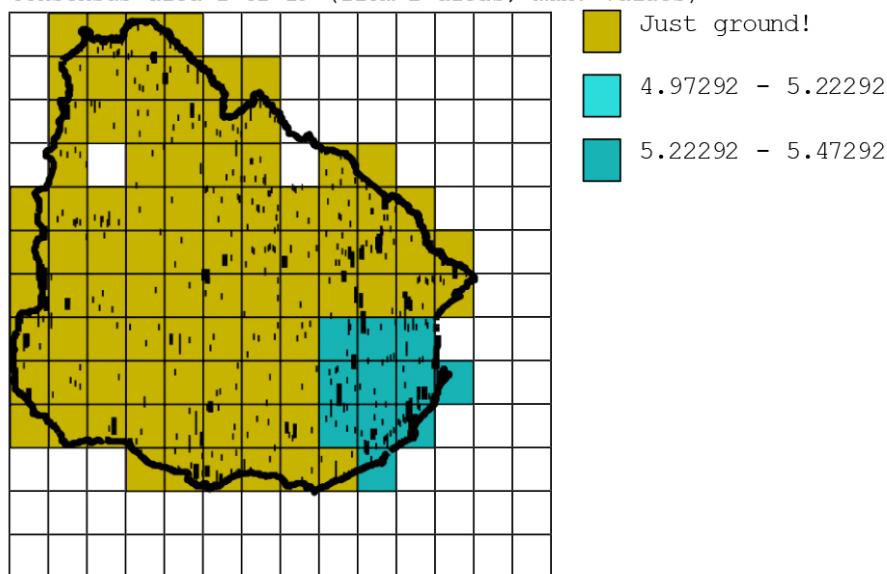
Consensus area 0 of 19 (from 7 areas; max. values)



20 species give score:

- 3 *Ancistrus multispinis* (0.000-0.500)
- 18 *Austrolebias cheradophilus* (0.000-0.700)
- 33 *Austrolebias wolterstorffi* (0.000-0.706)
- 51 *Crenicichla punctata* (0.385-0.500)
- 61 *Diapoma speculiferum* (0.313-0.575)
- 73 *Gymnogeophagus labiatus* (0.409-0.625)
- 87 *Hisonotus armatus* (0.000-0.786)
- 118 *Mimagoniates inequalis* (0.318-0.706)
- 130 *Otocinclus flexilis* (0.300-0.733)
- 147 *Rhamdella eriarcha* (0.000-0.525)
- 17 *Austrolebias charrua* (0.000-0.833)
- 24 *Austrolebias luteoflammulatus* (0.000-0.676)
- 40 *Characidium orientale* (0.346-0.462)
- 54 *Cynopoecilus melanotaenia* (0.000-0.647)
- 72 *Gymnogeophagus gymnoxygenys* (0.327-0.650)
- 82 *Hemiancistrus punctulatus* (0.000-0.600)
- 89 *Hisonotus taimiensis* (0.389-0.767)
- 128 *Oligosarcus robustus* (0.000-0.529)
- 141 *Pimelodus pintado* (0.000-0.692)
- 152 *Rineloricaria strigilata* (0.000-0.477)

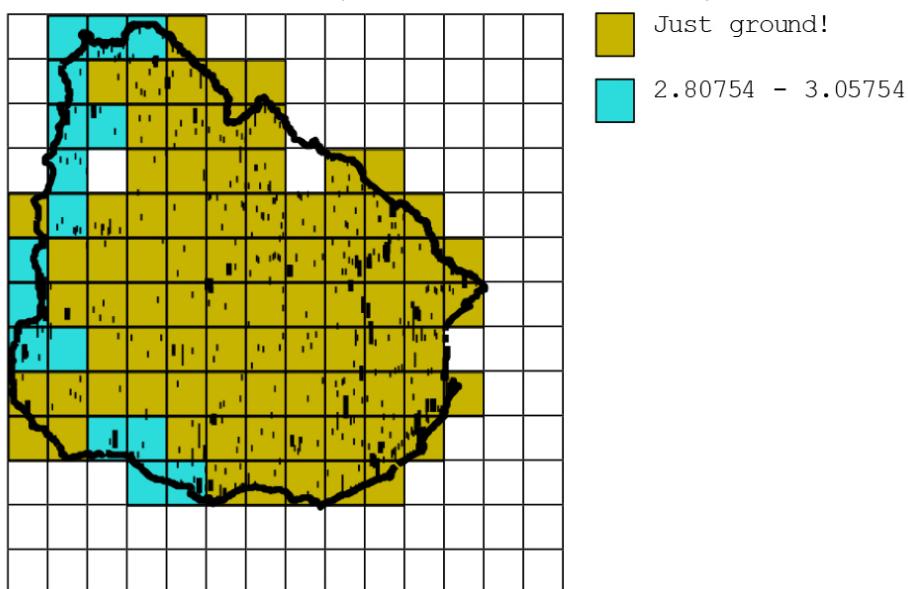
Consensus area 1 of 19 (from 2 areas; max. values)



9 species give score:

- 17 *Austrolebias charrua* (0.531-0.633)
- 24 *Austrolebias luteoflammulatus* (0.000-0.600)
- 32 *Austrolebias viarius* (0.000-0.650)
- 54 *Cynopoecilus melanotaenia* (0.469-0.567)
- 131 *Otothyris rostrata* (0.583-0.727)
- 22 *Austrolebias gymnoventris* (0.692-0.708)
- 28 *Austrolebias prognathus* (0.773-0.800)
- 33 *Austrolebias wolterstorffi* (0.531-0.633)
- 84 *Heptapterus sympterigium* (0.682-0.700)

Consensus area 2 of 19 (from 2 areas; max. values)

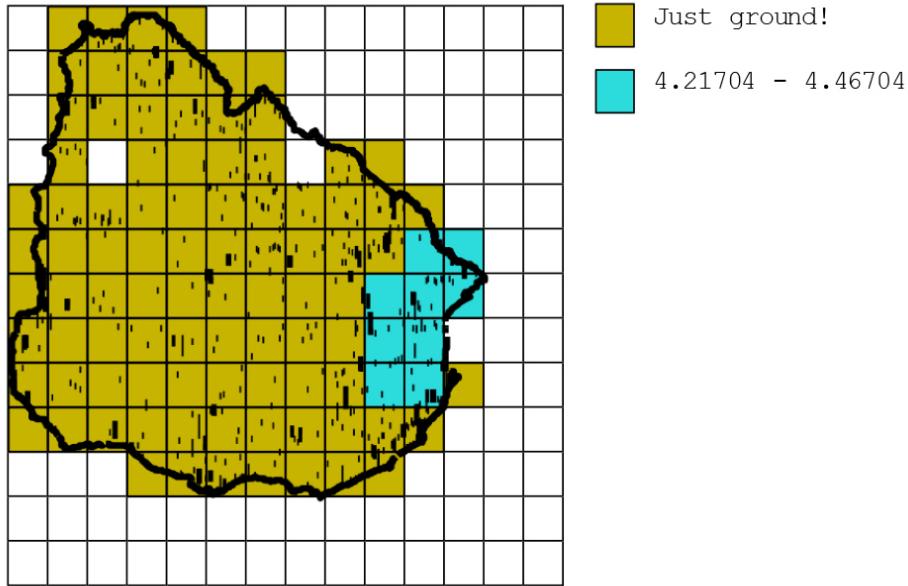


5 species give score:

- 26 *Austrolebias_nigripinnis* (0.605–0.611)
- 114 *Luciopimelodus_pati* (0.000–0.647)
- 159 *Serrasalmus_maculatus* (0.765–0.781)

- 56 *Cyphocharax_platanus* (0.800–0.821)
- 146 *Pygocentrus_nattereri* (0.000–0.594)

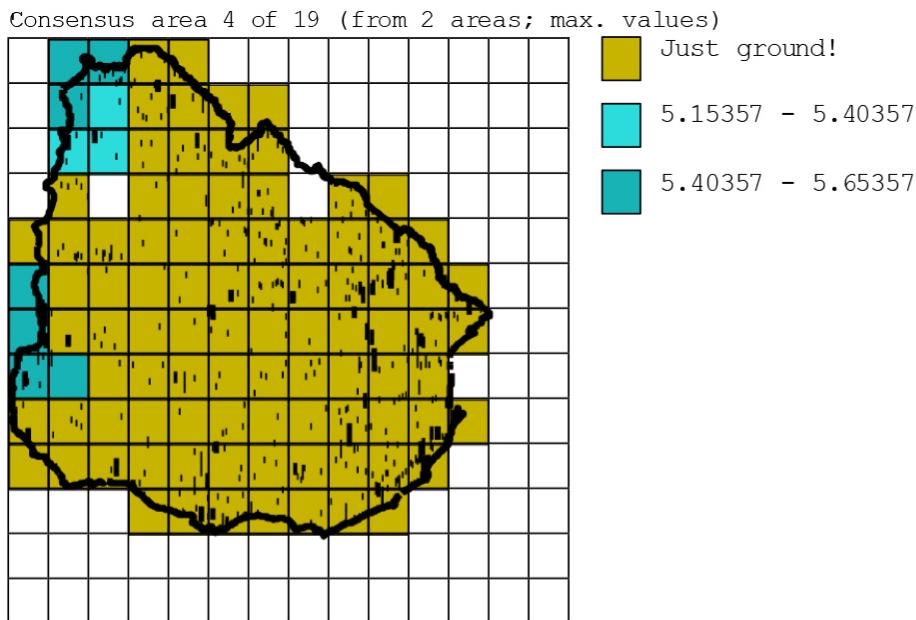
Consensus area 3 of 19 (from 1 areas; max. values)



9 species give score:

- 17 *Austrolebias_charrua* (0.368)
- 33 *Austrolebias_wolterstorffi* (0.368)
- 87 *Hisonotus_armatus* (0.316)
- 118 *Mimagoniates_inequalis* (0.441)
- 141 *Pimelodus_pintado* (0.778)

- 18 *Austrolebias_cheradophilus* (0.500)
- 68 *Geophagus_brasiliensis* (0.545)
- 89 *Hisonotus_taimiensis* (0.467)
- 130 *Otocinclus_flexilis* (0.433)

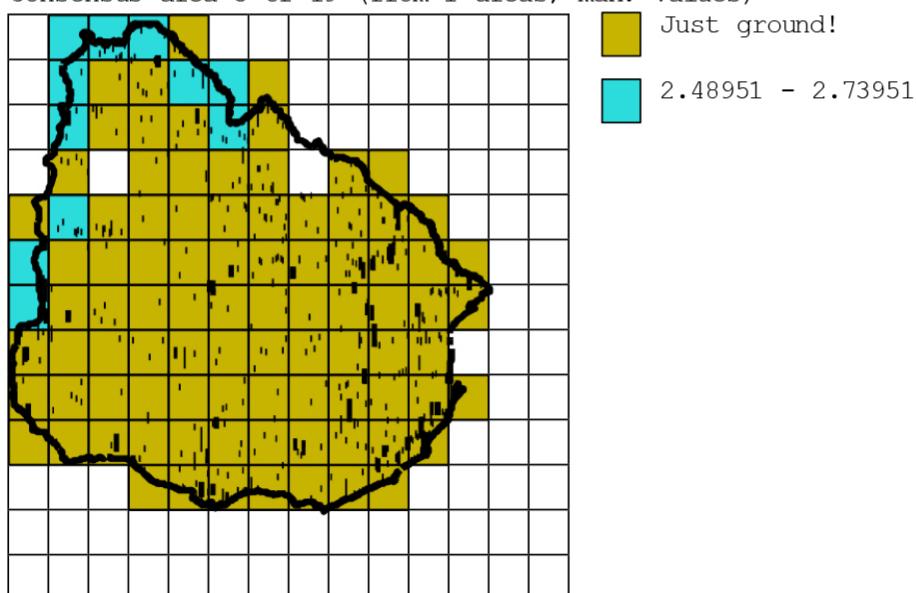


13 species give score:

- 2 *Ageneiosus_militaris* (0.000-0.688)
- 14 *Austrolebias_alexandri* (0.000-0.714)
- 47 *Corydoras_undulatus* (0.000-0.556)
- 70 *Gymnogeophagus_australis* (0.409-0.550)
- 109 *Leptoplosternum_pectorale* (0.550-0.556)
- 138 *Pimelodus_absconditus* (0.500-0.714)
- 151 *Rineloricaria_parva* (0.000-0.500)

- 10 *Auchenipterus_osteomystax* (0.500-0.688)
- 16 *Austrolebias_bellottii* (0.542-0.545)
- 55 *Cynopotamus_argenteus* (0.375-0.462)
- 108 *Leporinus_striatus* (0.429-0.545)
- 126 *Odontostilbe_pequira* (0.000-0.375)
- 145 *Pseudostegophilus_maculatus* (0.000-0.458)

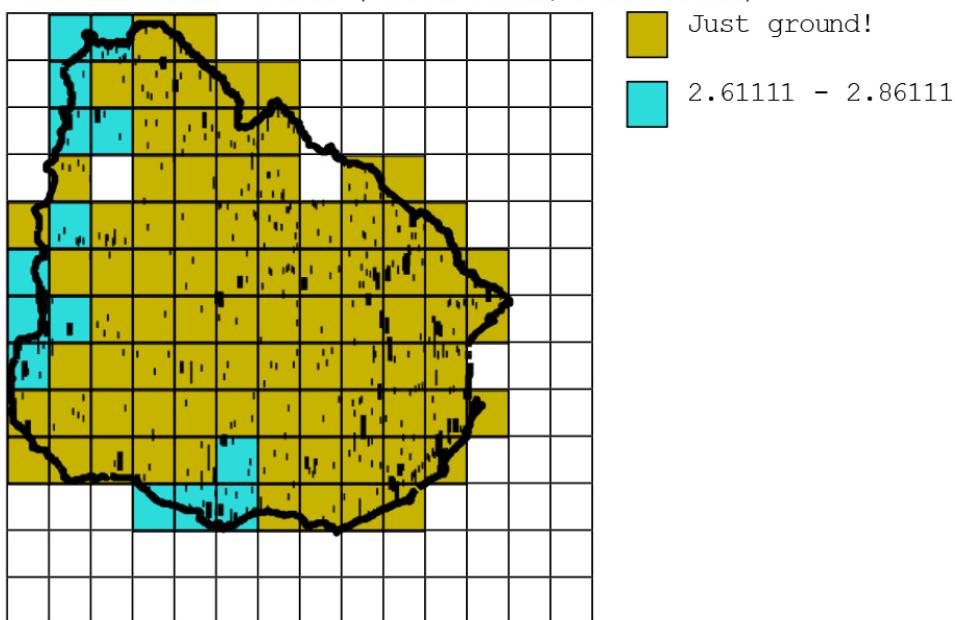
Consensus area 5 of 19 (from 1 areas; max. values)



3 species give score:

- 0 *Aestrorhynchus_pantaneiro* (0.909)
- 160 *Steindachnerina_brevipinna* (0.808)
- 162 *Trachelyopterus_albicrux* (0.773)

Consensus area 6 of 19 (from 1 areas; max. values)

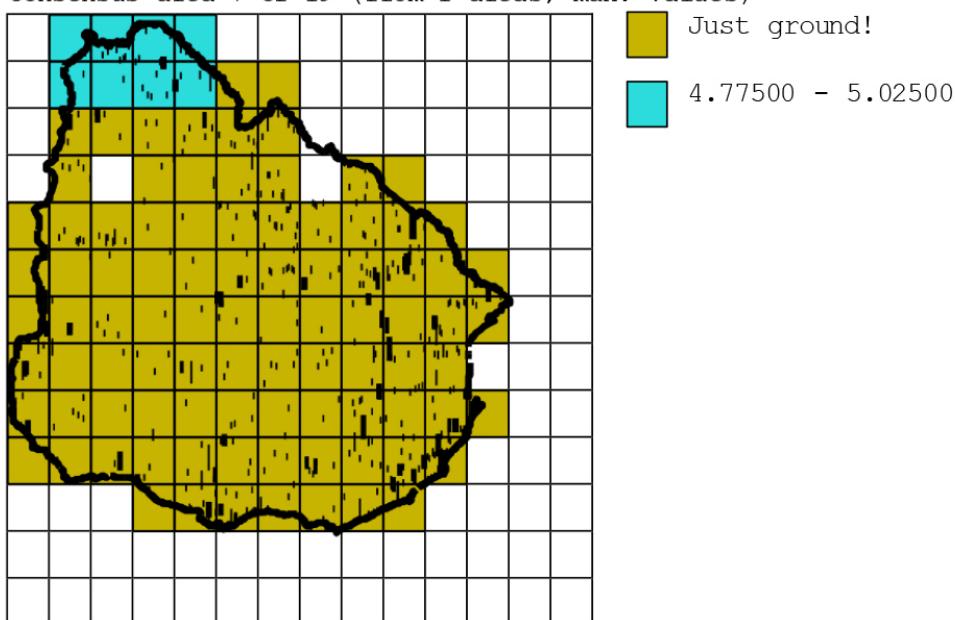


4 species give score:

- 107 *Leporinus_obtusidens* (0.563)
- 153 *Salminus_brasiliensis* (0.611)

- 114 *Luciopimelodus_pati* (0.656)
- 159 *Serrasalmus_maculatus* (0.781)

Consensus area 7 of 19 (from 1 areas; max. values)

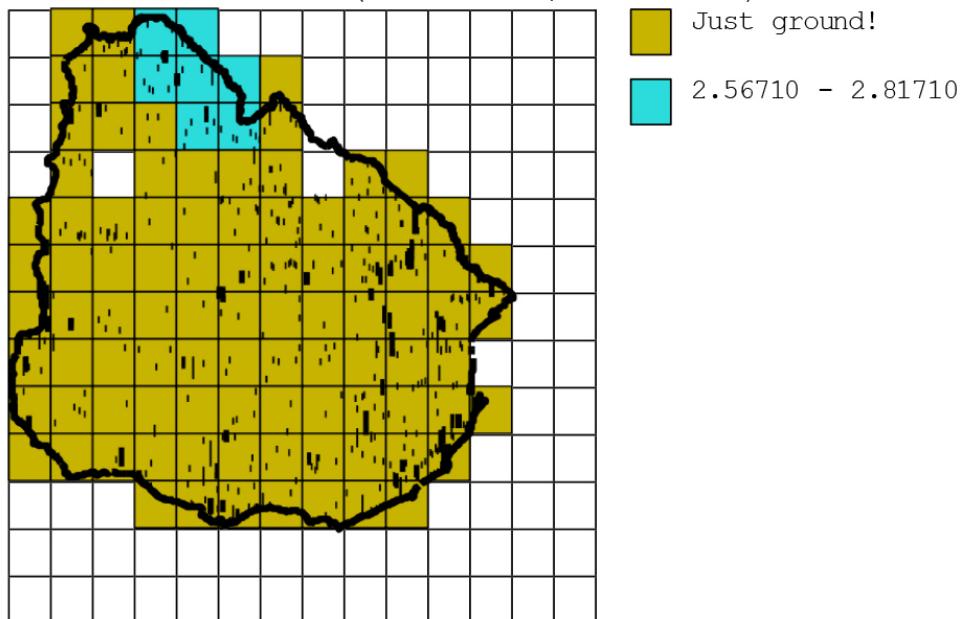


8 species give score:

- 69 *Gymnocephagus_aff_setequeadas* (0.583)
- 88 *Hisonotus_ringueleti* (0.600)
- 106 *Leporinus_lacustris* (0.750)
- 155 *Schizodon_nasutus* (0.550)

- 77 *Gymnocephagus_pseudolabiatus* (0.542)
- 93 *Hyphessobrycon_eques* (0.500)
- 119 *Moenkhausia_dichroura* (0.650)
- 158 *Serrapinnus_kriegi* (0.600)

Consensus area 8 of 19 (from 1 areas; max. values)



Just ground!

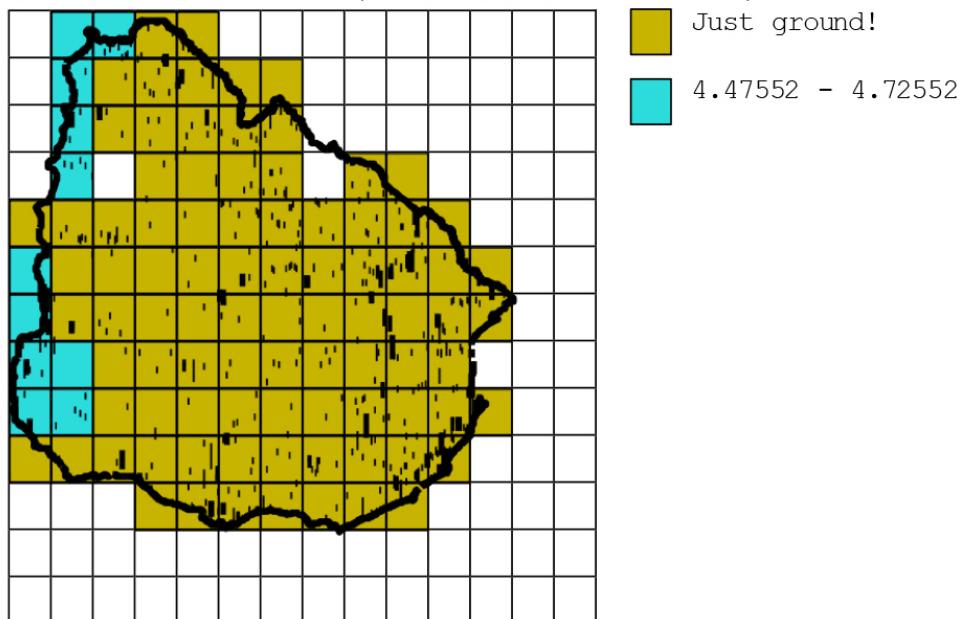
2.56710 - 2.81710

4 species give score:

- 69 *Gymnocephalus aff setequeadas* (0.591)
88 *Hisonotus ringueleti* (0.611)

- 77 *Gymnocephalus pseudolabiatus* (0.722)
105 *Leporinus amae* (0.643)

Consensus area 9 of 19 (from 1 areas; max. values)



Just ground!

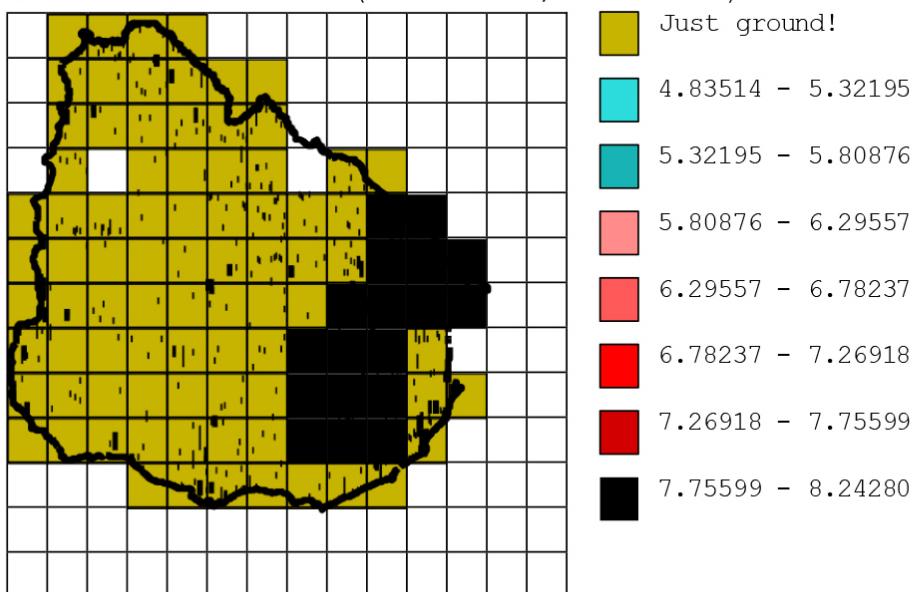
4.47552 - 4.72552

6 species give score:

- 16 *Austrolebias bellottii* (0.818)
91 *Hoplosternum littorale* (0.727)
126 *Odontostilbe pequira* (0.692)

- 55 *Cynopotamus argenteus* (0.692)
108 *Leporinus striatus* (0.818)
45 *Pseudostegophilus maculatus* (0.727)

Consensus area 10 of 19 (from 2 areas; max. values)

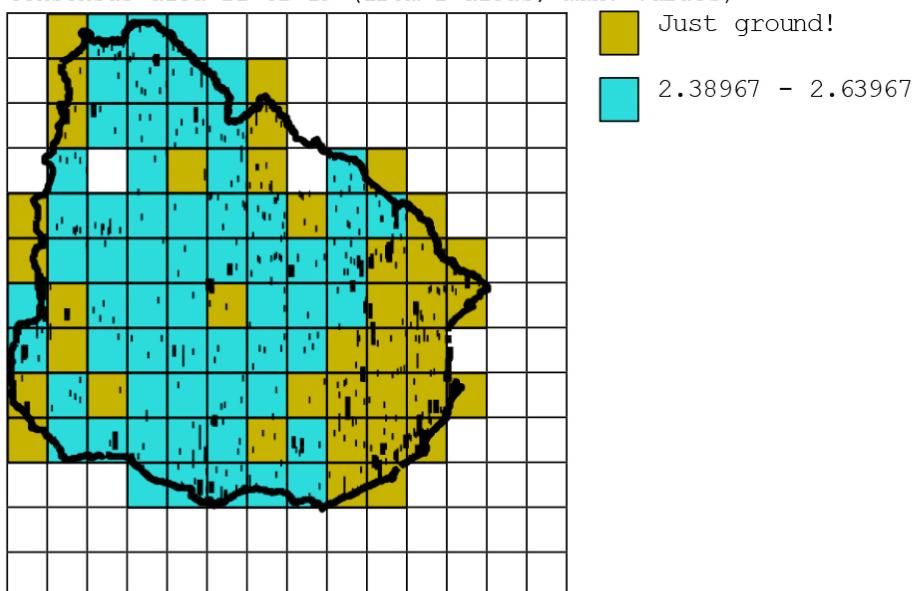


13 species give score:

- 3 *Ancistrus_multispinis* (0.583-0.750)
- 51 *Crenicichla_punctata* (0.500-0.773)
- 72 *Gymnogeophagus_gymnogenys* (0.500-0.800)
- 85 *Heterocheirodon_jacuhiensis* (0.000-0.643)
- 118 *Mimagoniates_inequalis* (0.000-0.521)
- 130 *Otocinclus_flexilis* (0.000-0.458)
- 152 *Rineloricaria_strigilata* (0.000-0.614)

- 40 *Characidium_orientale* (0.000-0.727)
- 61 *Diapoma_speculiferum* (0.667-0.725)
- 73 *Gymnogeophagus_labiatus* (0.545-0.775)
- 87 *Hisonotus_armatus* (0.722-0.786)
- 128 *Oligosarcus_robustus* (0.000-0.600)
- 147 *Rhamdella_eriarcha* (0.611-0.778)

Consensus area 11 of 19 (from 1 areas; max. values)

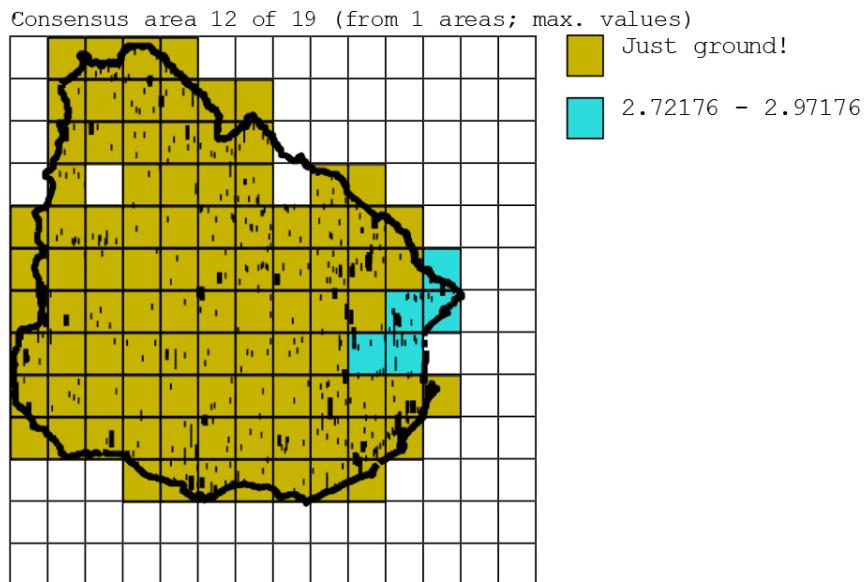


3 species give score:

- 4 *Ancistrus_taunayi* (0.811)

- 64 *Ectreopopterus_uruguayensis* (0.713)

- 62 *Diapoma_terofali* (0.865)

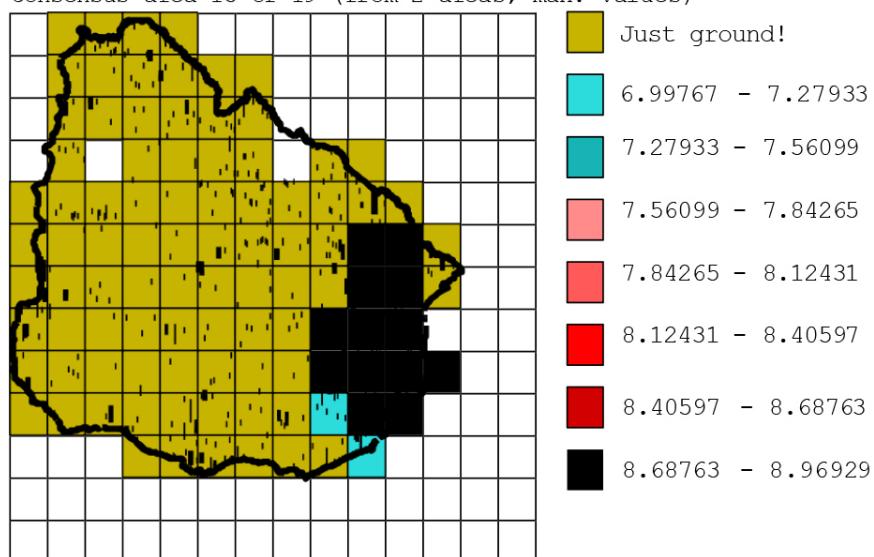


5 species give score:

- 31 *Austrolebias_reicherti* (0.800)
- 68 *Geophagus_brasiliensis* (0.571)
- 141 *Pimelodus_pintado* (0.444)

- 44 *Cichlasoma_portalegrensis* (0.700)
- 87 *Hisonotus_armatus* (0.206)

Consensus area 13 of 19 (from 2 areas; max. values)

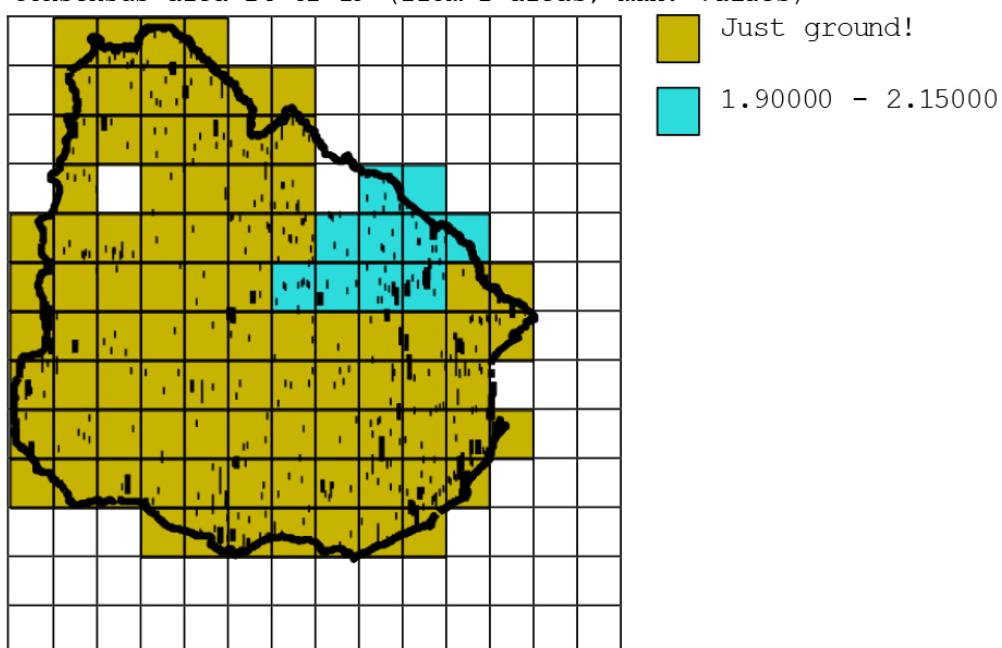


16 species give score:

- 17 *Austrolebias_charrua* (0.885)
- 22 *Austrolebias_gymnoventris* (0.667-0.808)
- 33 *Austrolebias_wolterstorffi* (0.733-0.885)
- 51 *Crenicichla_punctata* (0.000-0.444)
- 61 *Diapoma_speculiferum* (0.000-0.380)
- 73 *Gymnogeophagus_labiatus* (0.000-0.478)
- 118 *Mimagoniates_inequalis* (0.618-0.733)
- 131 *Otothyris_rostrata* (0.000-0.692)

- 18 *Austrolebias_cheradophilus* (0.600-0.731)
- 24 *Austrolebias_luteoflammulatus* (0.588-0.700)
- 40 *Characidium_orientale* (0.000-0.407)
- 54 *Cynopoecilus_melanotaenia* (0.667-0.808)
- 72 *Gymnogeophagus_gymnogenys* (0.000-0.389)
- 89 *Hisonotus_taimensis* (0.474-0.667)
- 130 *Otocinclus_flexilis* (0.529-0.633)
- 141 *Pimelodus_pintado* (0.000-0.567)

Consensus area 14 of 19 (from 1 areas; max. values)

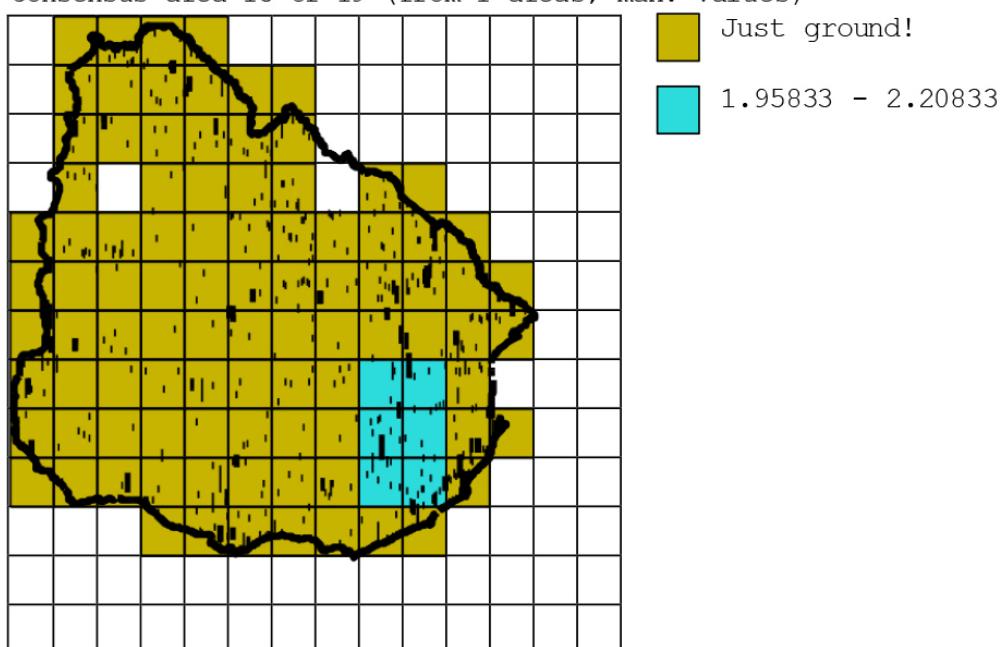


2 species give score:

23 *Austrolebias_juanlangi* (1.000)

30 *Austrolebias_quirogai* (0.900)

Consensus area 15 of 19 (from 1 areas; max. values)



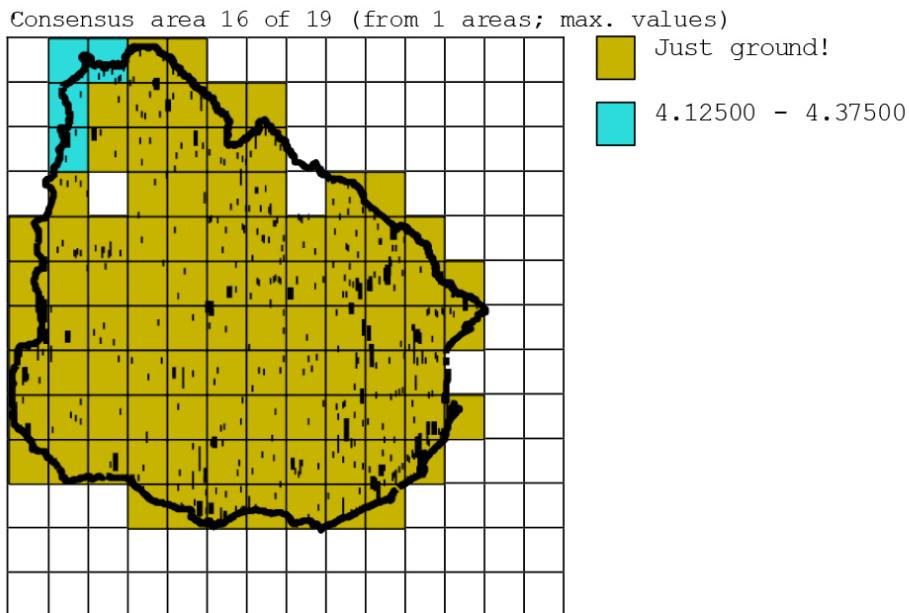
4 species give score:

12 *Austrolebias_aff_quirogai* (0.667)

32 *Austrolebias_viarus* (0.500)

22 *Austrolebias_gymnoventris* (0.458)

131 *Otothyris_rostrata* (0.333)

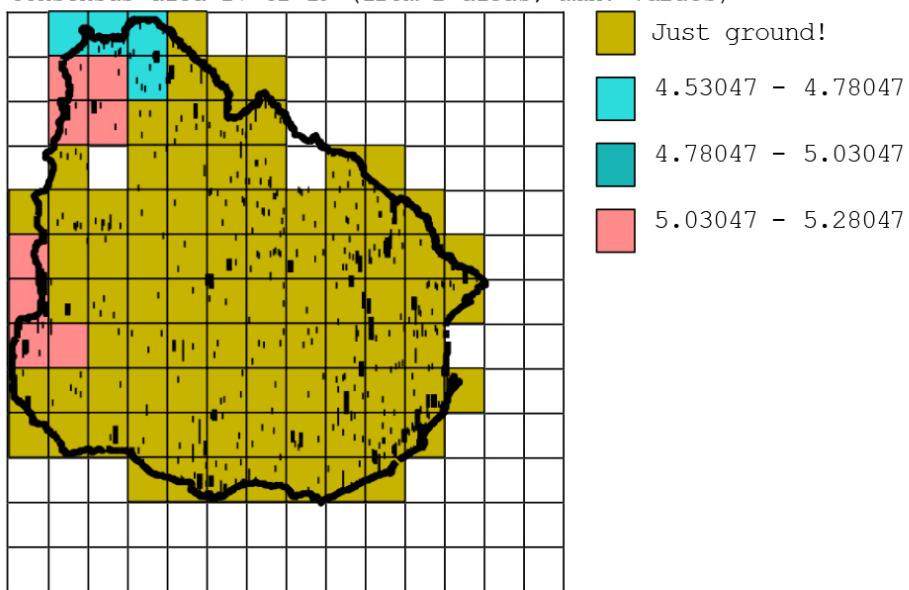


6 species give score:

- 8 *Astyanax_lacustris* (0.750)
- 71 *Gymnogeophagus_balzani* (0.875)
- 106 *Leporinus_lacustris* (0.583)

- 46 *Corydoras_hastatus* (0.750)
- 93 *Hyphessobrycon_eques* (0.500)
- 158 *Serrapinnus_kriegi* (0.667)

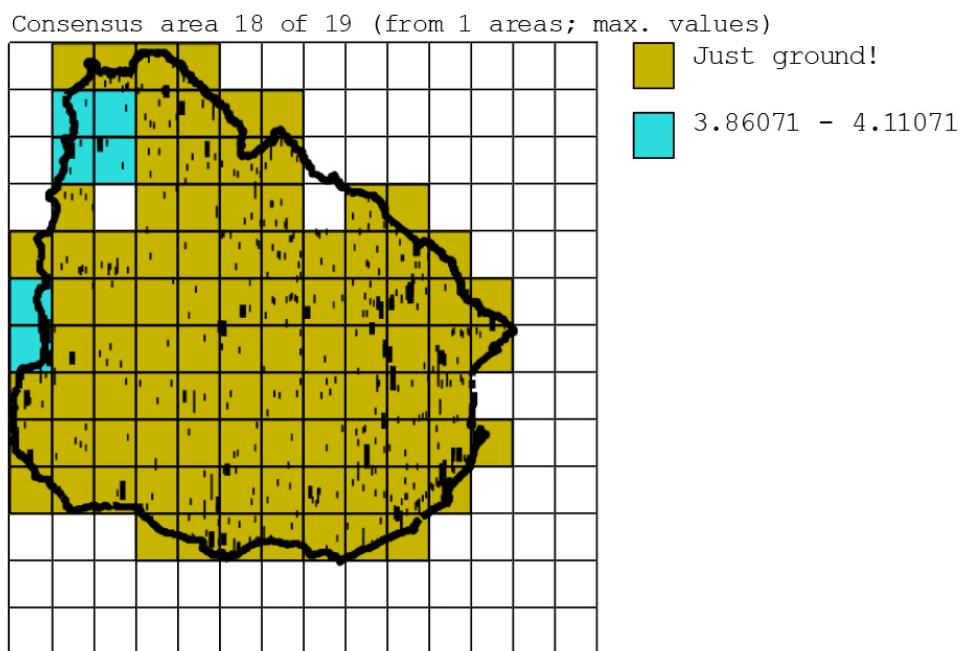
Consensus area 17 of 19 (from 2 areas; max. values)



11 species give score:

- 2 *Ageneiosus_militaris* (0.000-0.688)
- 10 *Auchenipterus_osteomystax* (0.000-0.688)
- 55 *Cynopotamus_argenteus* (0.375-0.692)
- 108 *Leporinus_striatus* (0.429-0.654)
- 126 *Odontostilbe_pequira* (0.375-0.567)
- 145 *Pseudostegophilus_maculatus* (0.000-0.458)

- 6 *Aphyocharax_anisitsi* (0.000-0.618)
- 16 *Austrolebias_bellottii* (0.000-0.542)
- 70 *Gymnogeophagus_australis* (0.550-0.682)
- 109 *Leptoplosternum_pectorale* (0.550-0.682)
- 138 *Pimelodus_absconditus* (0.500-0.636)



7 species give score:

2 *Ageneiosus_militaris*(0.750)
10 *Auchenipterus_osteomystax*(0.750)
70 *Gymnocephagus_australis*(0.563)
138 *Pimelodus_absconditus*(0.500)

7 *Apistogramma_commbrae*(0.286)
67 *Galeocharax_humeralis*(0.450)
109 *Leptoplosternum_pectorale*(0.563)

FIGURE S4 | Consensus Areas Consensus (50%) Areas of Endemism of freshwater fishes from Uruguay. Grid Cell 45 km x 45 km.

Neotropical Ichthyology

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Official Journal of the
Sociedade Brasileira de Ictiologia

HOW TO CITE THIS ARTICLE

- Bessonart J, Loureiro M, Guerrero JC, Szumik C. Distribution of freshwater fish from the Southern Neotropics reveals three new areas of endemism and show diffuse limits among freshwater ecoregions. *Neotrop Ichthyol*. 2021; 19(4):e200153. <https://doi.org/10.1590/1982-0224-2020-0153>