**IOMAP Americas: the Amazon Mission**

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Rice is one of the treasures of humankind. Its domestication in Asia and Africa led to the onset of large civilizations. In the Americas, rice wild relatives do occur, constituting an untapped reservoir for broadening its variability and contributing genes that can boost its yield and resilience. The IOMAP Americas project was started with the objective of to compare the genetic diversity of wild Oryza populations that grow in Brazil, to the overall Oryza diversity present in the Americas. Currently, genomic efforts have provided tools for the better characterization of Oryza genomes and can provide GWAS predictions of loci related to traits that can be transferred to cultivated rice conservation of crop wild relatives of the Oryza genus in different Countries. In Brazil, several missions are planned to collect and assess the diversity of four endemic species: *Oryza glumipatula*, *Oryza alta*, *Oryza grandiglumis* and *Oryza latifolia*. A trip to the National Park of Anavilhanas, located in Novo Airão, Amazonas was performed in early June. A total of 490 samples from two species: *Oryza glumipatula* and *Oryza alta* were collected from 37 sites located inside the park and in surrounding areas. Samples were morphologically identified, their GPS location was recorded. DNA Samples for genome sequencing are under preparation.