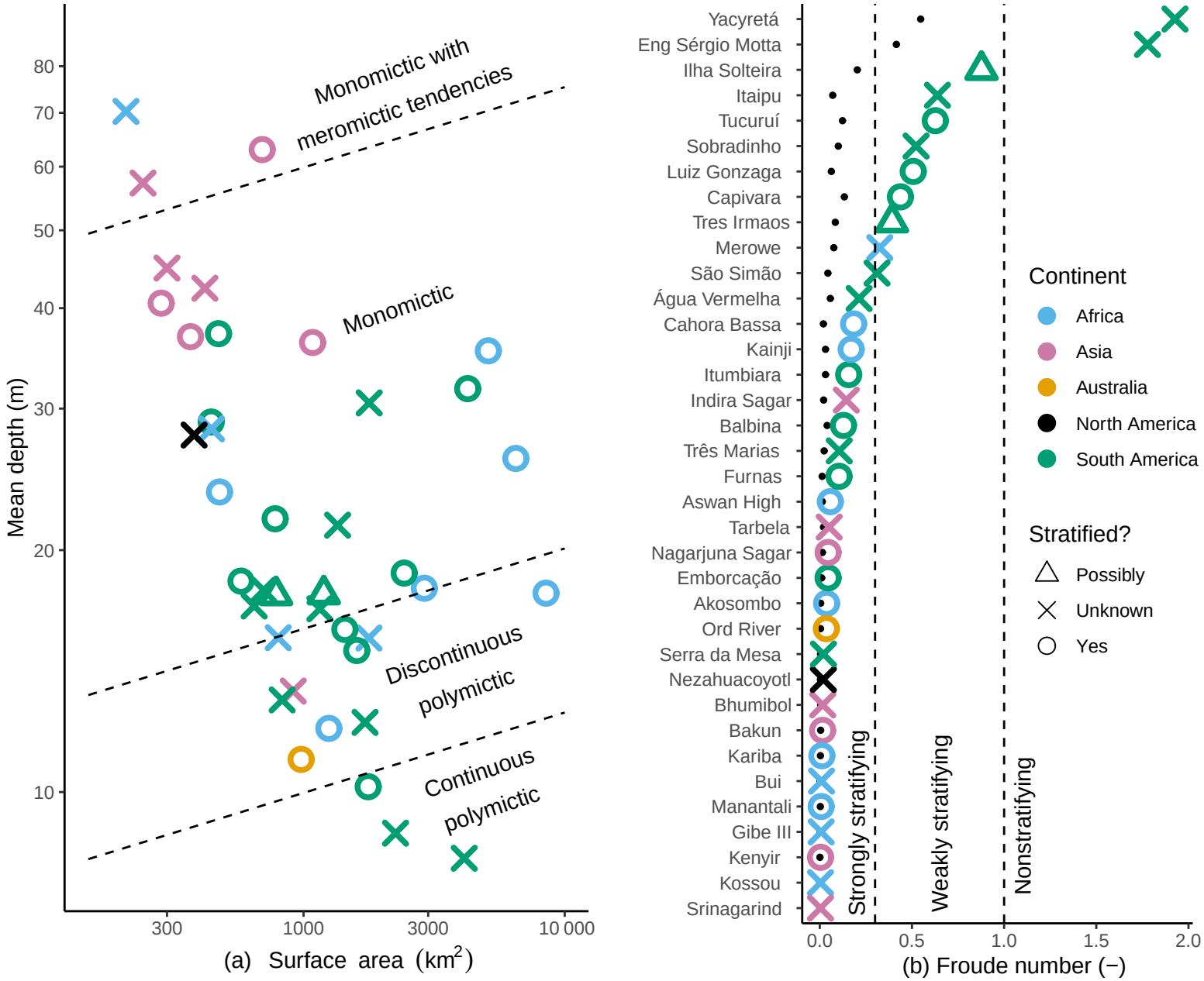
Mean depth (m)
80
70
60
50
40
30
20
10
Monomictic with
meromictic tendencies
Monomictic
Discontinuous
polymictic
Continuous
polymictic
300
1000
3000
10 000
(a) Surface area (km2)
Yacyretá
Eng Sérgio Motta
Ilha Solteira
Itaipu
Tucuruí
Sobradinho
Luiz Gonzaga
Capivara
Tres Irmaos
Merowe
São Simão
Água Vermelha
Cahora Bassa
Kainji
Itumbiara
Indira Sagar
Balbina
Três Marias
Furnas
Aswan High
Tarbela
Nagarjuna Sagar
Emborcação
Akosombo
Ord River
Serra da Mesa
Nezahuacoyotl
Bhumibol
Bakun
Kariba
Bui
Manantali
Gibe III
Kenyir
Kossou
Srinagarind
Strongly stratifying
Weakly stratifying
Nonstratifying
0.0
0.5
1.0
1.5
2.0
(b) Froude number (−)
Continent
Africa
Asia
Australia
North America
South America
Stratified?
Possibly
Unknown
Yes