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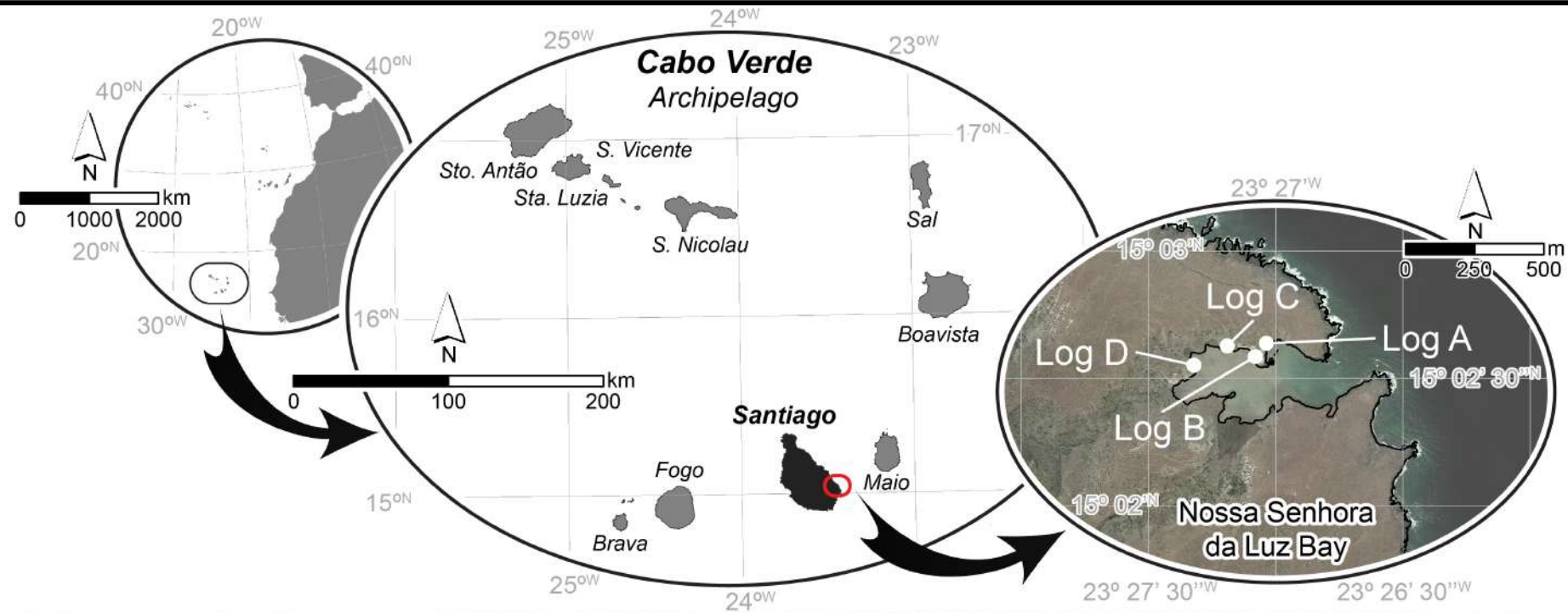
General Online Assembly 2020

Last Interglacial fossiliferous sequences from Santiago Island (Cabo Verde): palaeoecology of Nossa Senhora da Luz Bay, a rare example of a protected bay in volcanic oceanic islands

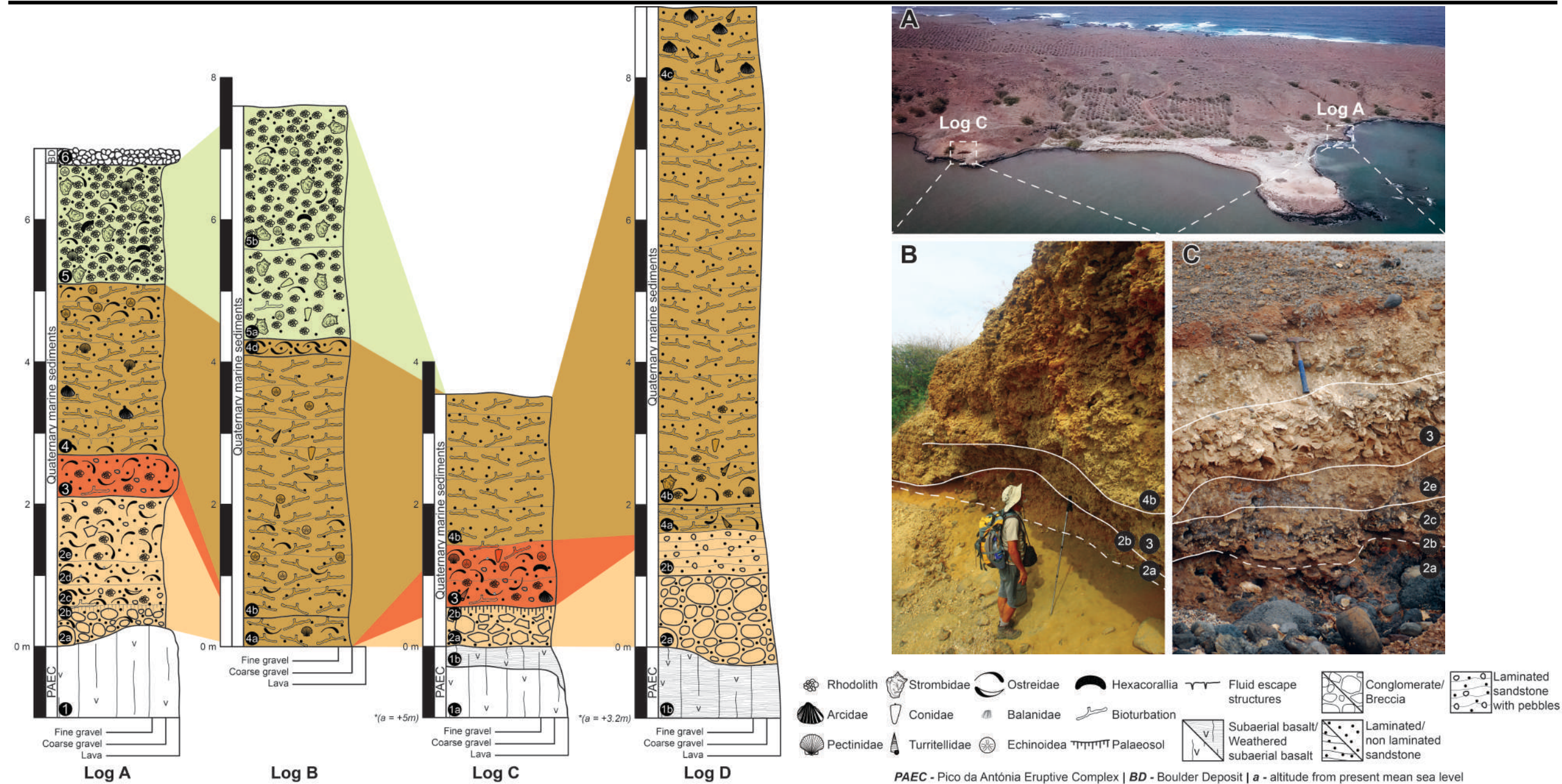
C.S. Melo, J. Madeira, R.S. Ramalho, A.C. Rebelo, M. Rasser, E. González, A. Uchman, P. Madeira, E. Rolán, L. Silva, C.M. da Silva, D. Ryan, A. Rovere, M. Cachão, and S.P. Ávila

2020

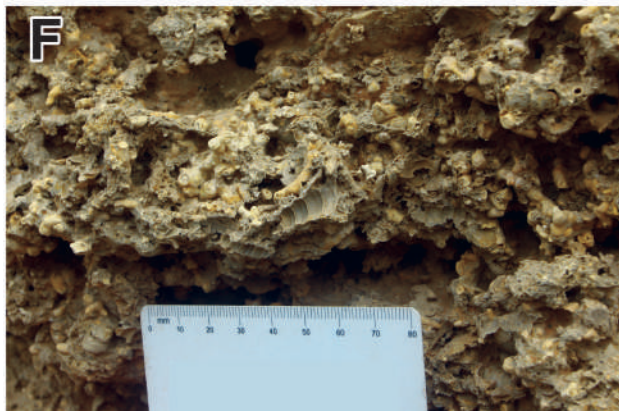
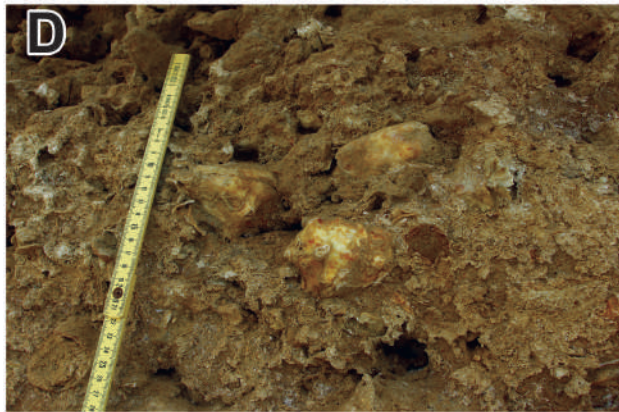
**Last Interglacial fossiliferous sequences from Santiago Island (Cabo Verde):
palaeoecology of Nossa Senhora da Luz Bay, a rare example of a protected bay in volcanic oceanic islands**



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A – *Saccostrea cuccullata*

B – Balanidae (over *S. cuccullata*)

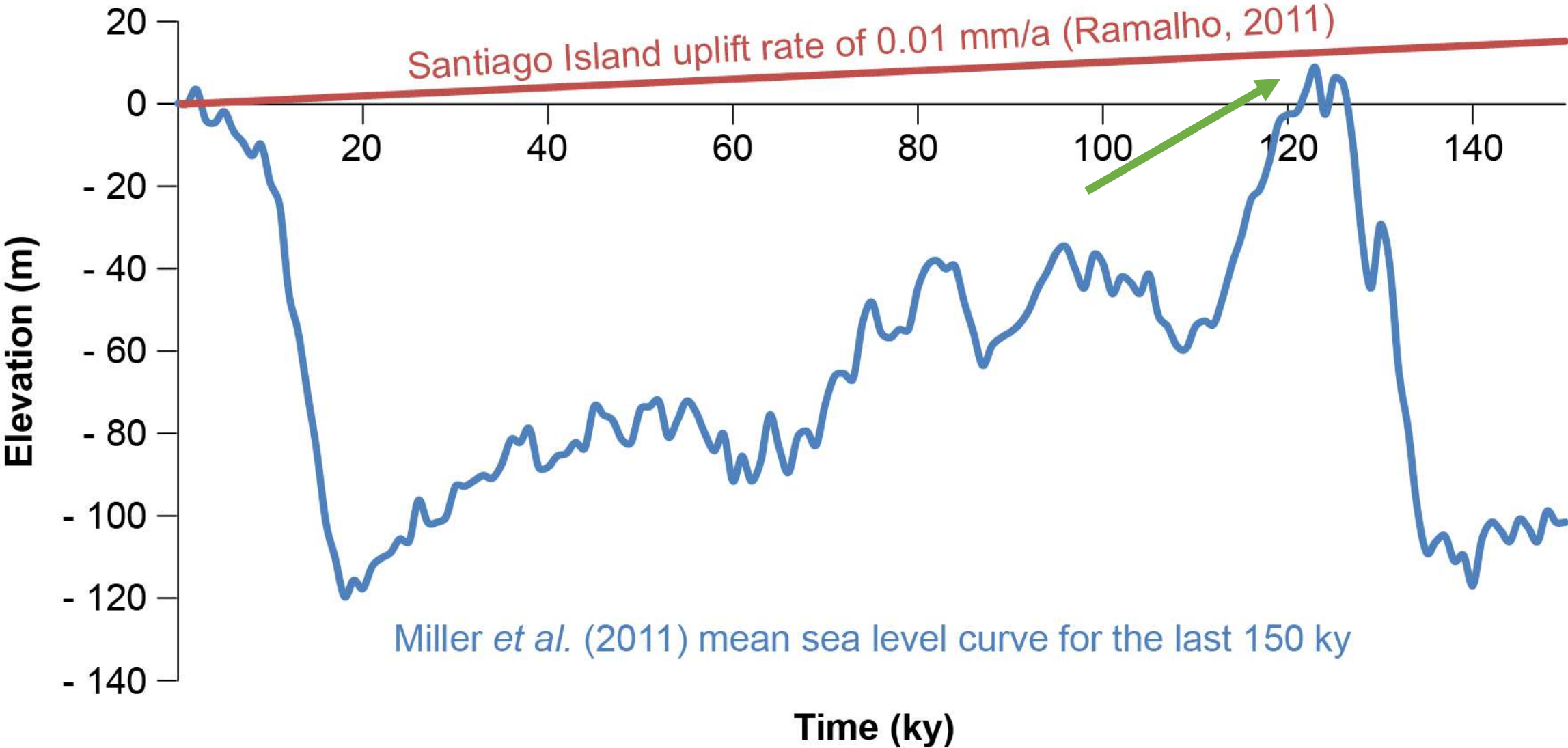
C – *Aequipecten opercularis*

D – *Persististrombus latus*

E – *Senilia senilis*

(in life position; photo in plain view)

F – Mould of *Turritella* sp.



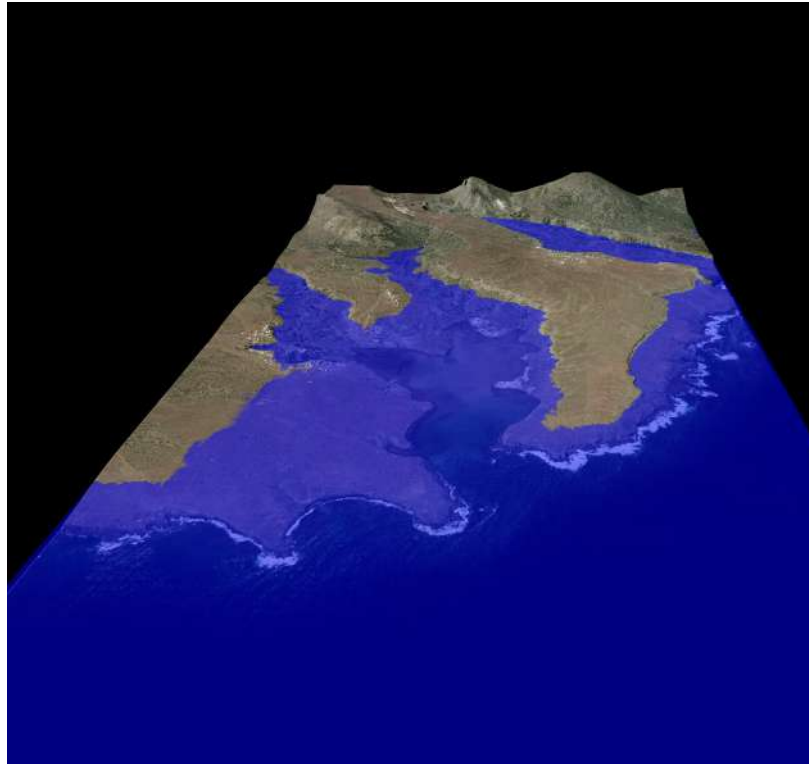
Miller, K.G., Mountain, G.S., Wright, J.D. & Browning, J.V., 2011. A 180-million-year record of sea level and ice volume variations from continental margin and deep-sea isotopic records. *Oceanography*, 24(2), 40–53; Ramalho, R. S., 2011. *Building the Cape Verde Islands*. Springer-Verlag Berlin Heidelberg, Berlin, 210 p.

Present

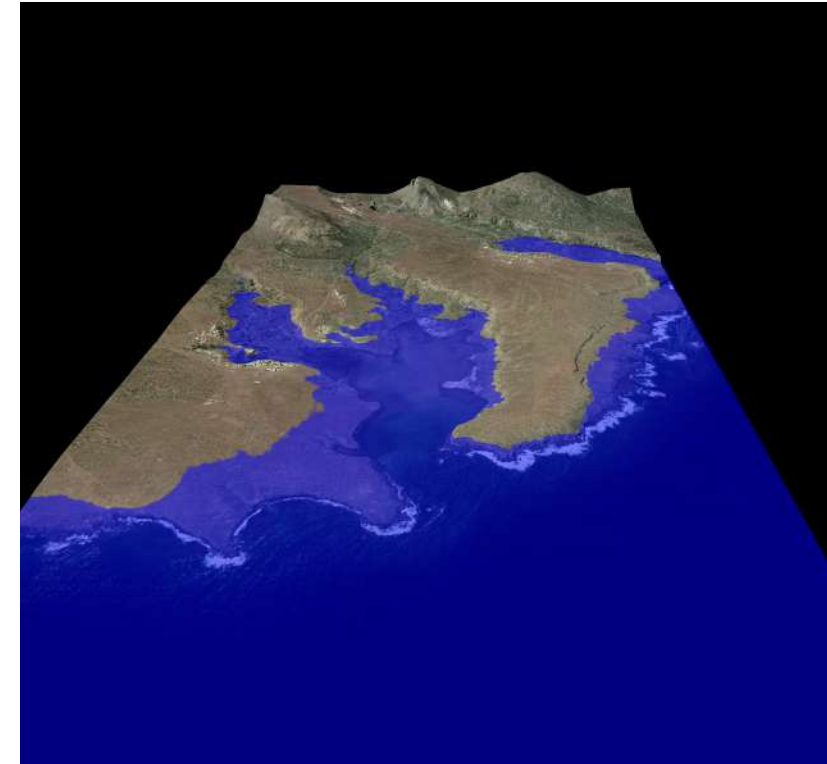


Present day mean sea level

Last Interglacial

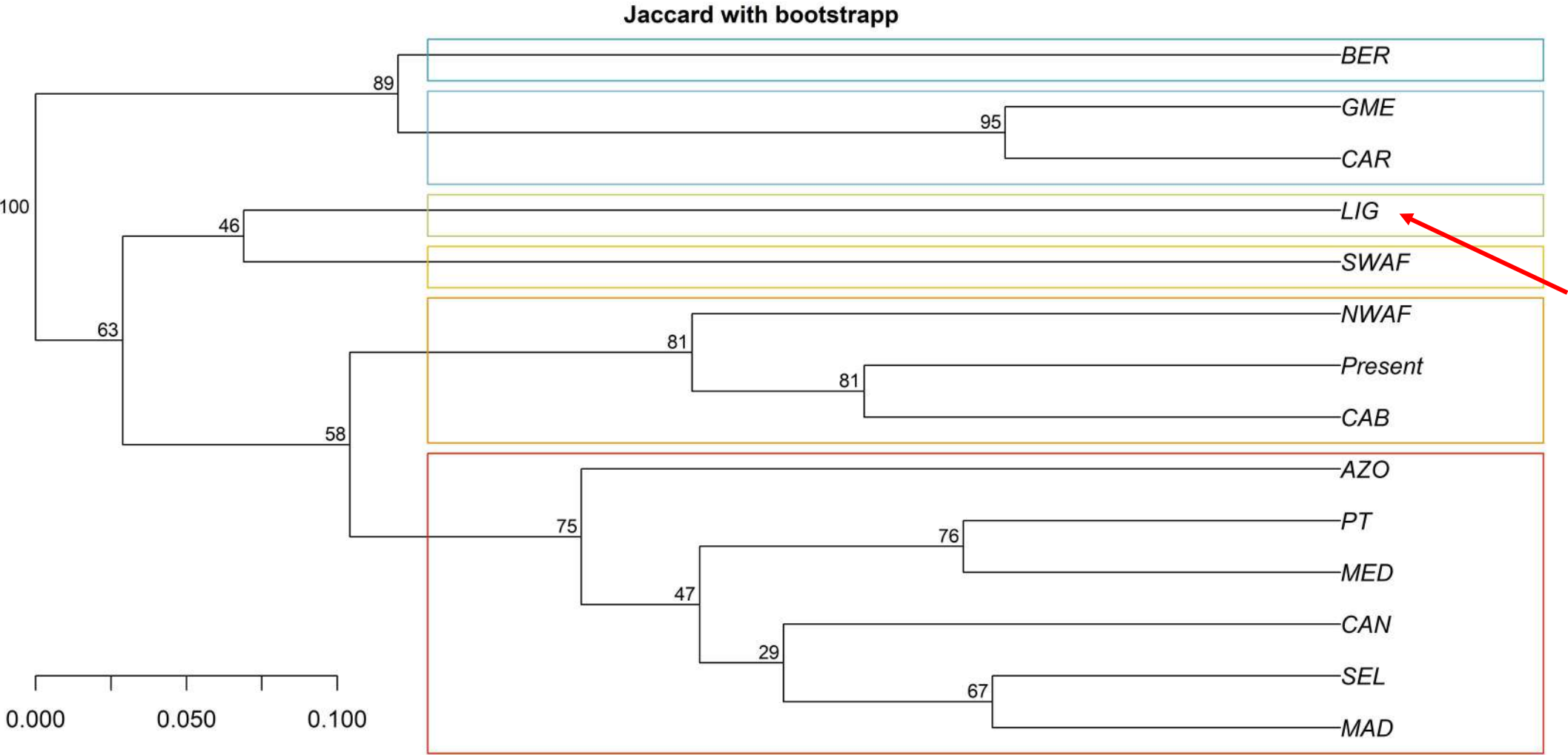


Sea level: +8 m
Uplift rate: 10 m/100ky (Ramalho, 2011)



Sea level: + 8 m
Uplift rate: 3 m/100 ky

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OBRIGADO!

Acknowledgments:

C.S.M. and A.C.R. acknowledge, respectively, his PhD grant M3.1.a/F/100/2015 from FRCT/Açores 2020 and her Post-Doc grant SFRH/BPD/117810/2016 by FCT. R.R. and S.Á. acknowledges his IF/01641/2015 and IF/ 00465/2015 grants funded by FCT. A.R. and M.R. were supported by the by DFG grant RA1597/3-1. This work was supported by FCT project PTDC/CTA-GEO/28588/2017 and LISBOA-01-0145-FEDER-028588 UNTleD and DRCT 2019-2022 – AÇORES-01-0145_FEDER-000078 – VRPROTO.



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