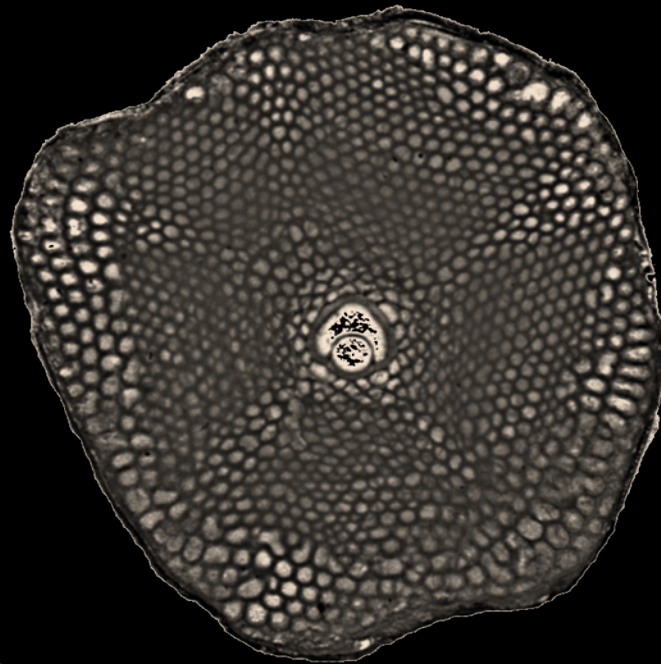


Microfacies analysis of Miocene reef systems based on larger benthic foraminifera (East Kalimantan)



NTA6 Progress report,
Carboneras, October 2012

Vibor Novak
Supervisor: Willem Renema

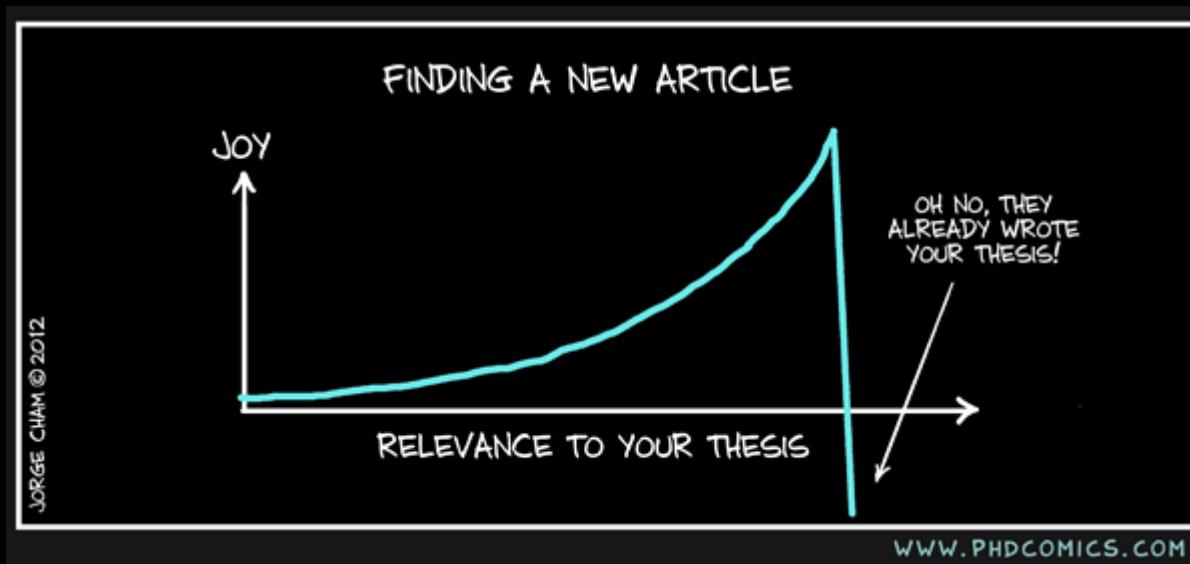
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Goals

2

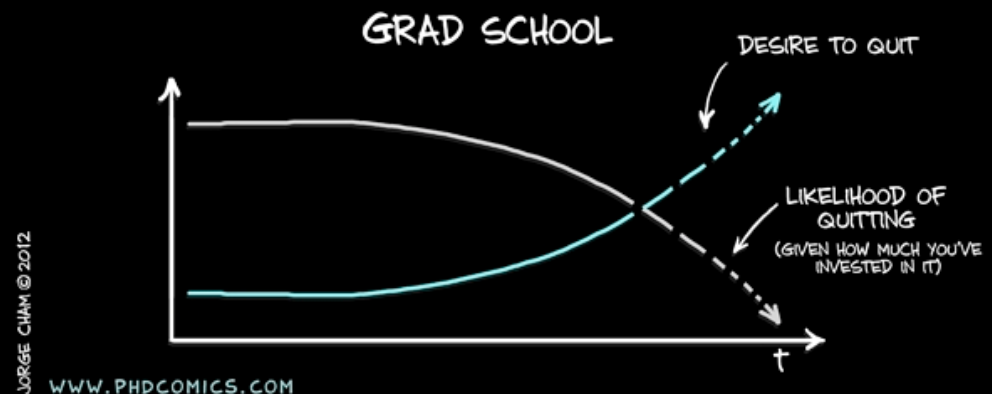
- Building a stratigraphic framework
- Affect of environmental change on LBF assemblages
- LBF evolution through time (Miocene)
- Review, update and correlation of Indo-Pacific LBF biozones



Progress (2012)

3

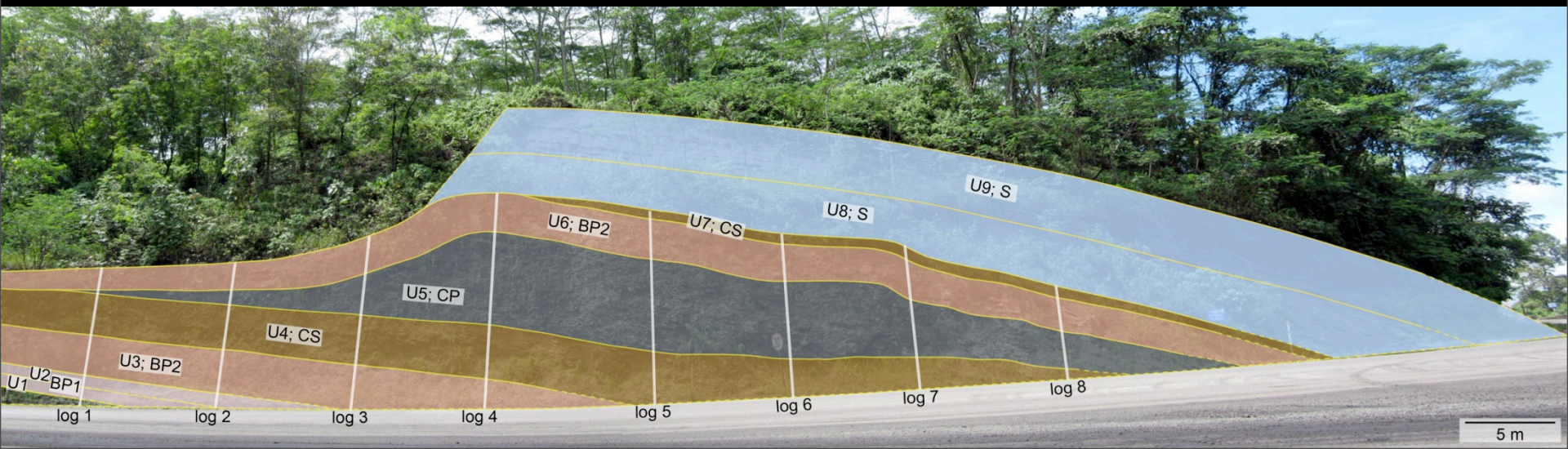
- Training:
 - Isolated LBF thin section (Istanbul, April 2012)
 - SIS (RHUL, May 2012)
 - International School on Foraminifera (Urbino, June 2012)
- Publications:
 - 3D Reef – submitted
 - Samarinda magstrat – final draft
 - Top Reef – in progress
- Conferences:
 - Lyell (March 2012)
 - EGU (April 2012)



3D Reef

4

- Multi-taxon fossil assemblage analysis
- Mesophotic reefal environment
- Langhian age (late Tf1, early Tf2)
- Main factor controlling reef growth – water transparency
- Facies changes – variations in terrigenous input

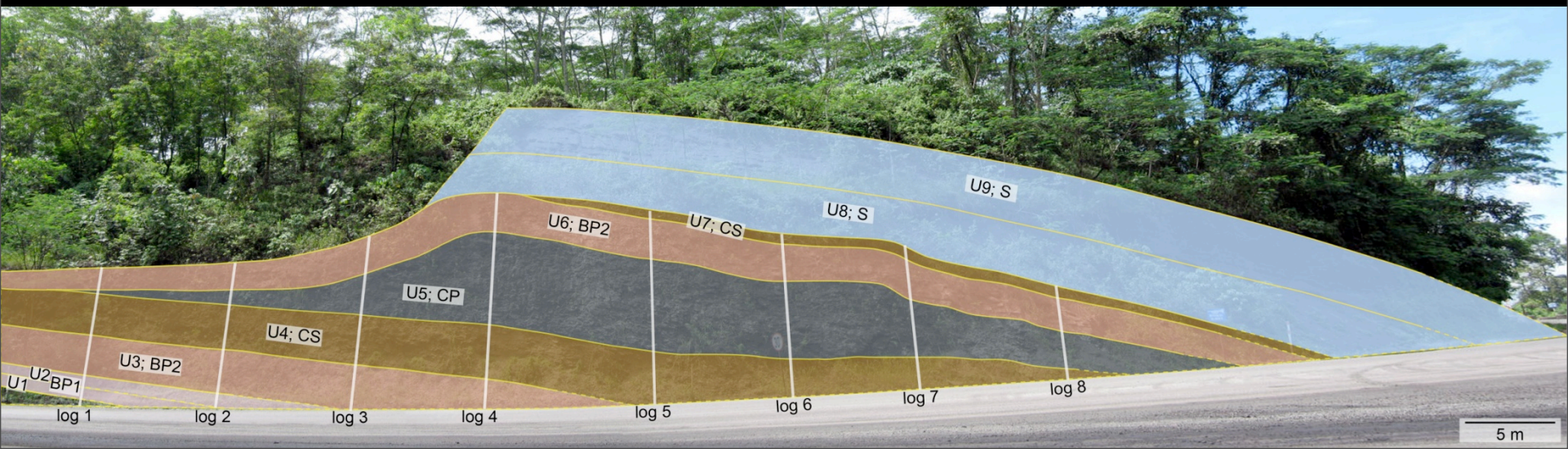


3D Reef



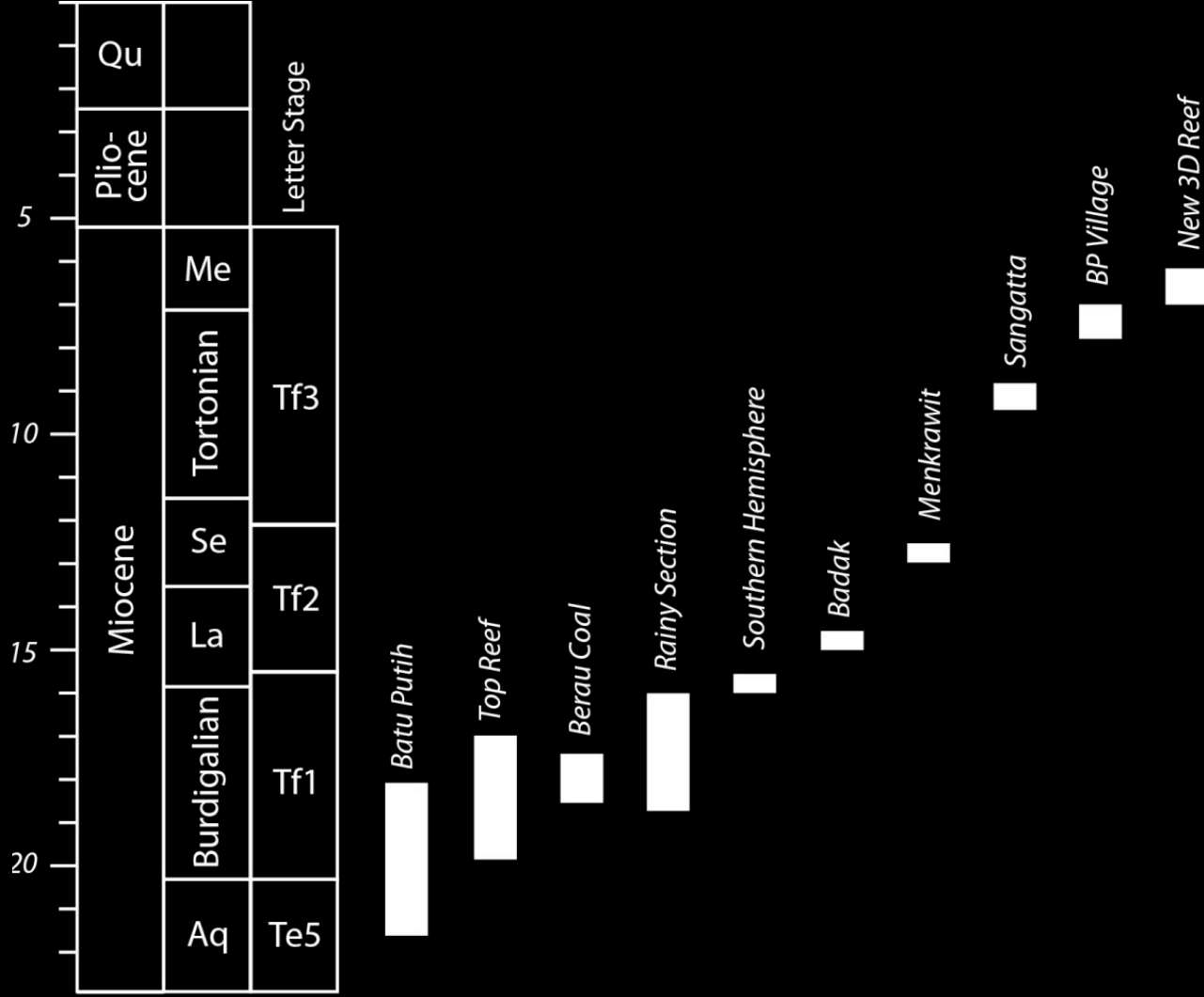
4

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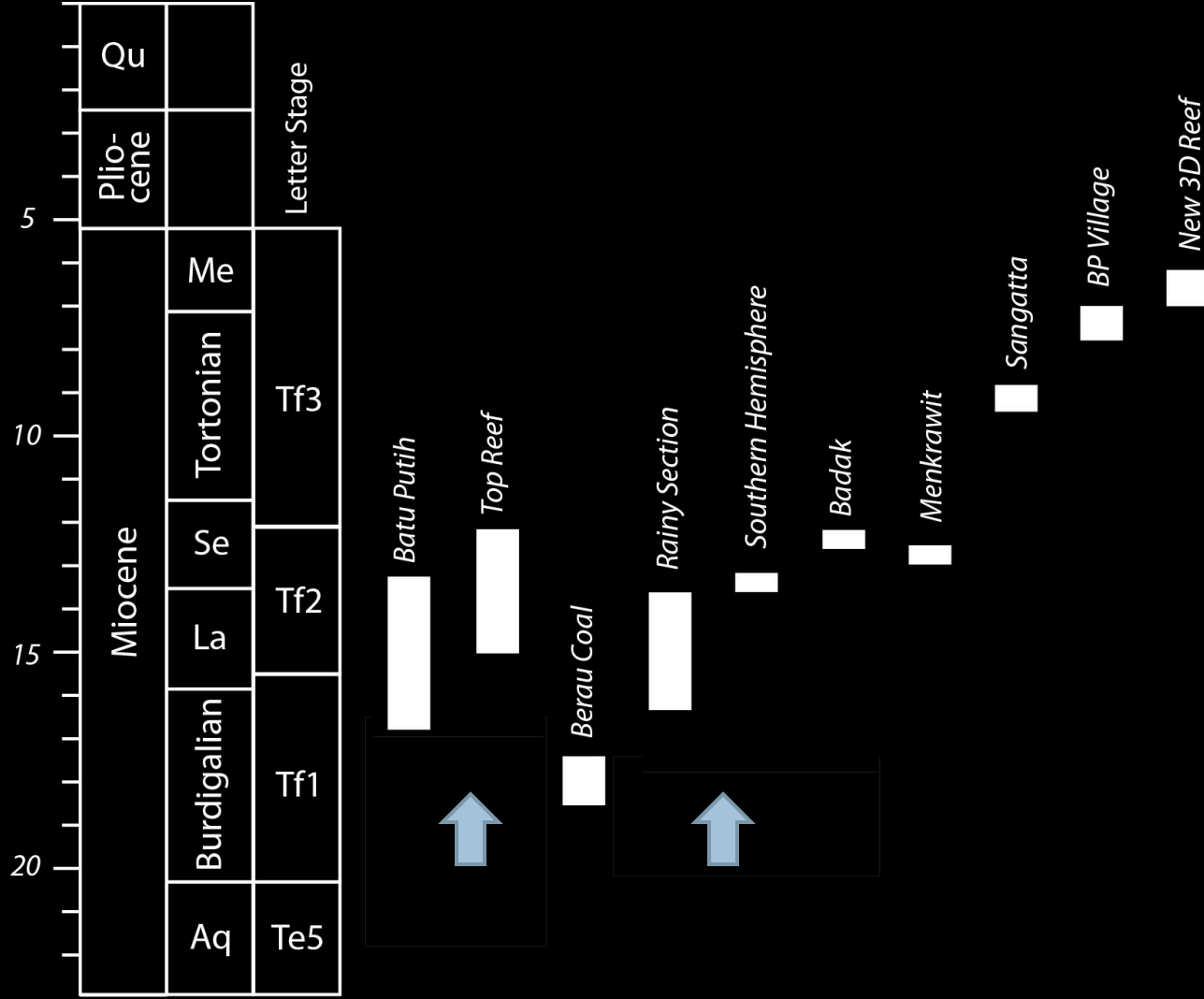
SIS results

5



SIS results

5



Future plans

6

- Conferences:
 - GSA 2012, SAGE 2013
- Publications:
 - LBF assemblages of Bontang (TF59, TF126, TF153), Samarinda (TF51, TF52, TF56, TF57, TF76, TF79, TF101, TF130) and Bulu limestones (Java)
 - New 3D Reef
 - Mangkalihat
 - Lepidosemicyclina





TF354 TF351 TF352
 TF353
 TF307
 TF305
 TF306 TF301 TF300
 TF308

TF128
 TF107
 TF126
 TF153
 TF59
 TF56
 TF79 TF355
 TF76
 TF51
 TF57

100 km

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THE PLANS:



THE PLAN YOU
TELL YOUR
ADVISOR

- "I'M GOING TO BE A
PROFESSOR AT A MAJOR
RESEARCH UNIVERSITY
AFTER I GRADUATE."



THE REAL
PLAN

- LOOK FOR CAREER
ALTERNATIVES.



THE SECRET
PLAN

- BECOME A
BAKER/ROCKSTAR/WRITER.