



THROUGHFLOW "Kickoff Meeting" Natural History Museum March 18-19, 2010

Schedule

Thursday March 18

12:00-13:00 Arrival, lunch, informal discussions

13:00-17:00 Supervisory Board Meeting Part I

19:00- Dinner

Friday March 19

9:30-12:30 Supervisory Board Meeting Part II

12:30- Lunch, informal discussions (optional)



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Agenda

Introductions

Overview of Project Science

Overview of Project Management and Reporting

Summary Financial Regime

Membership of Scientific Advisory Board

Overview of Network Training Events and Scheduling

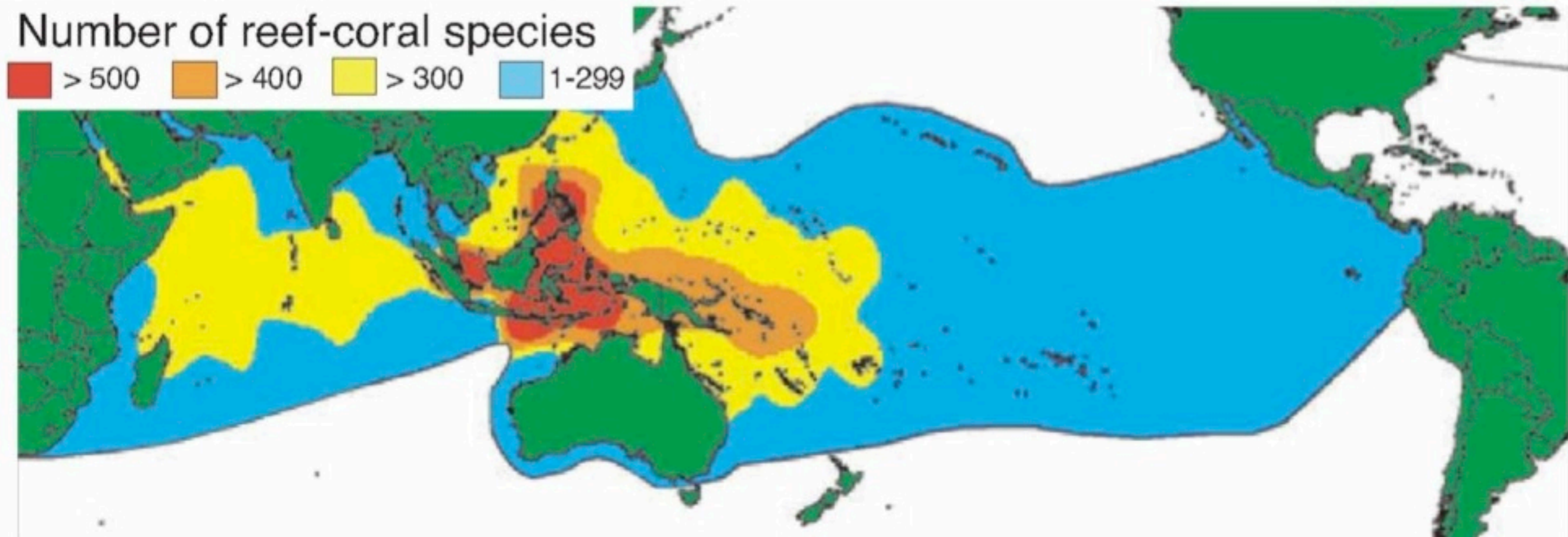
ESR Recruitment Progress Report

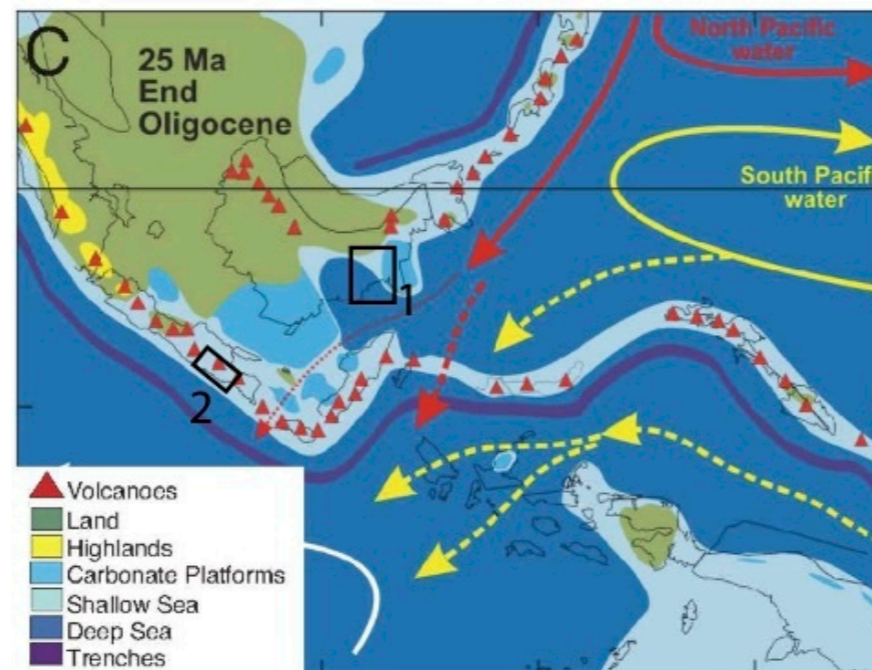
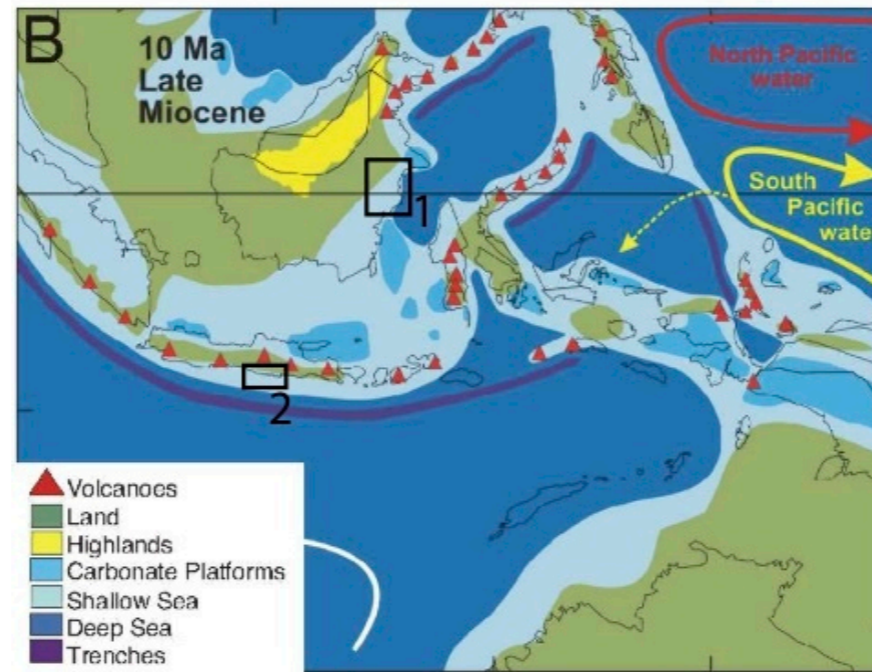
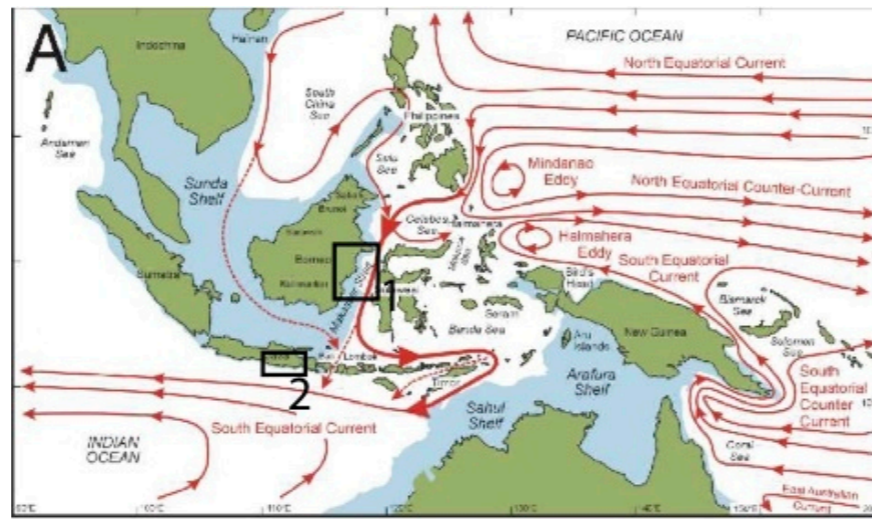
Website/Communications Overview

NTA-1 (Geology of SE Asia) Planning

NTA-2 (Fieldwork in Indonesia) Logistics and Planning

Science Overview



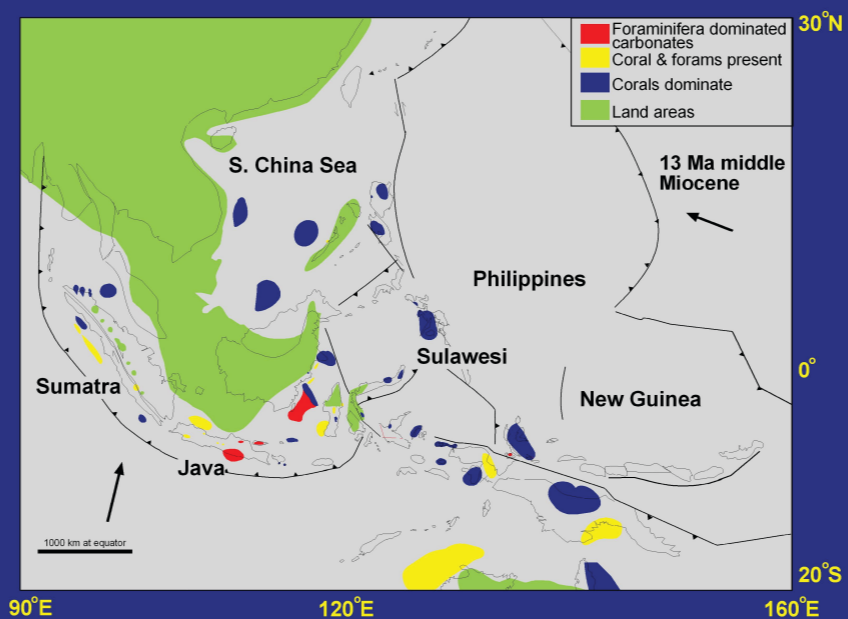
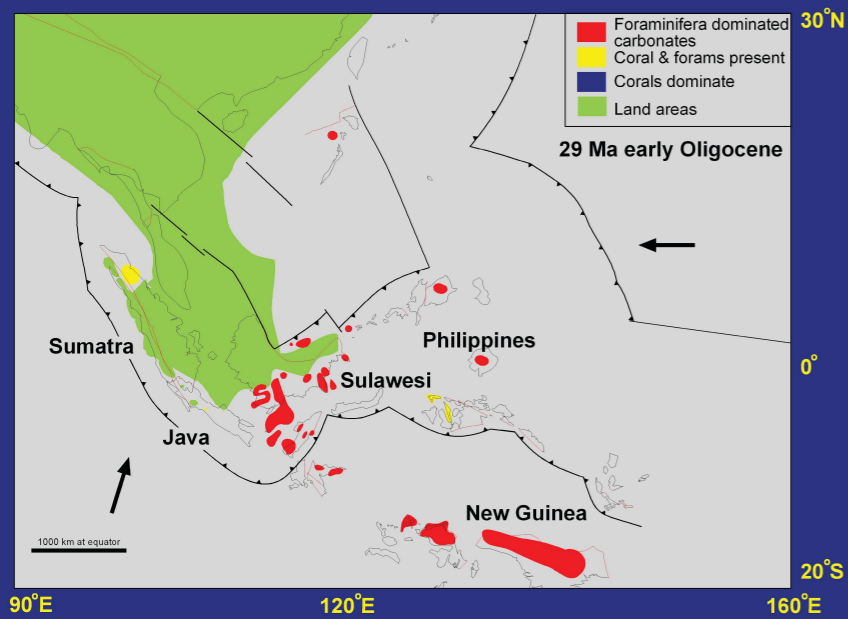
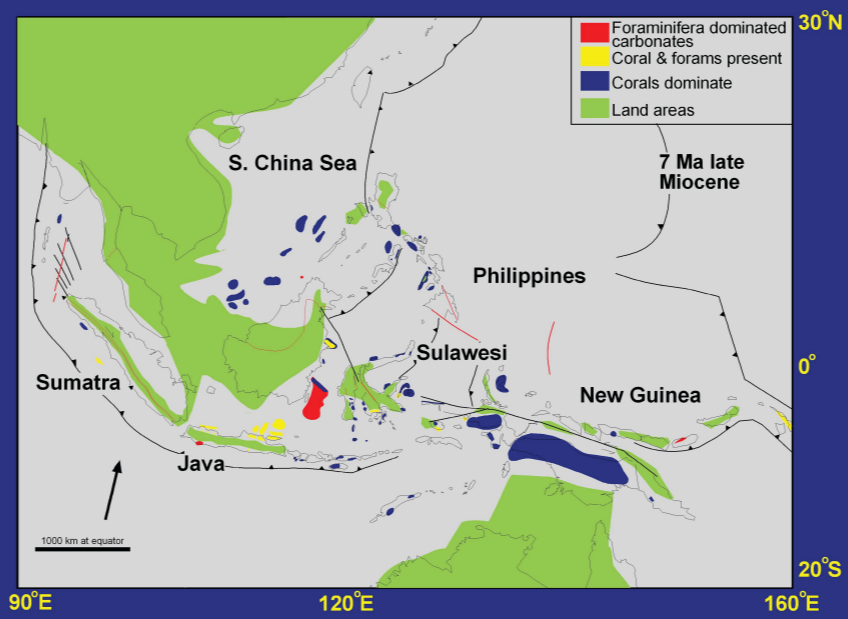
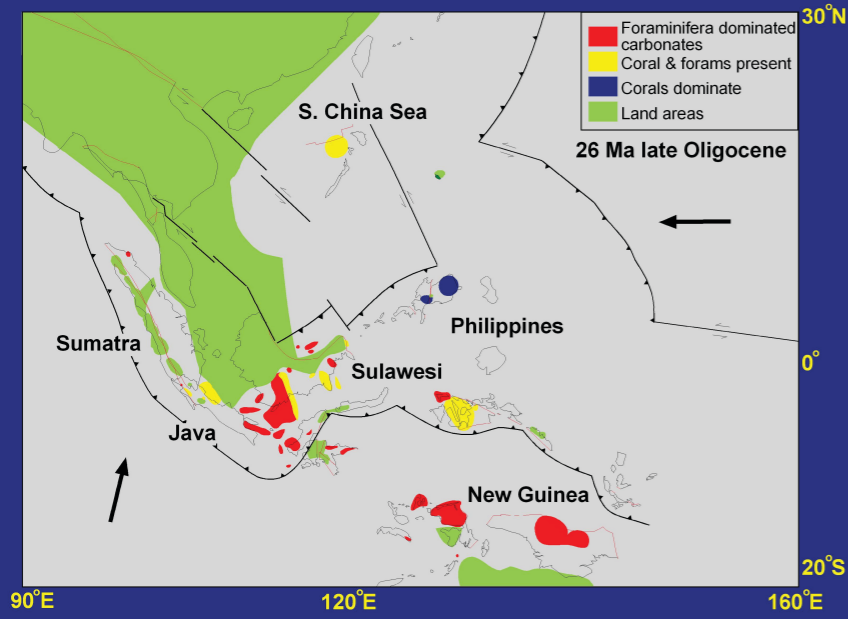
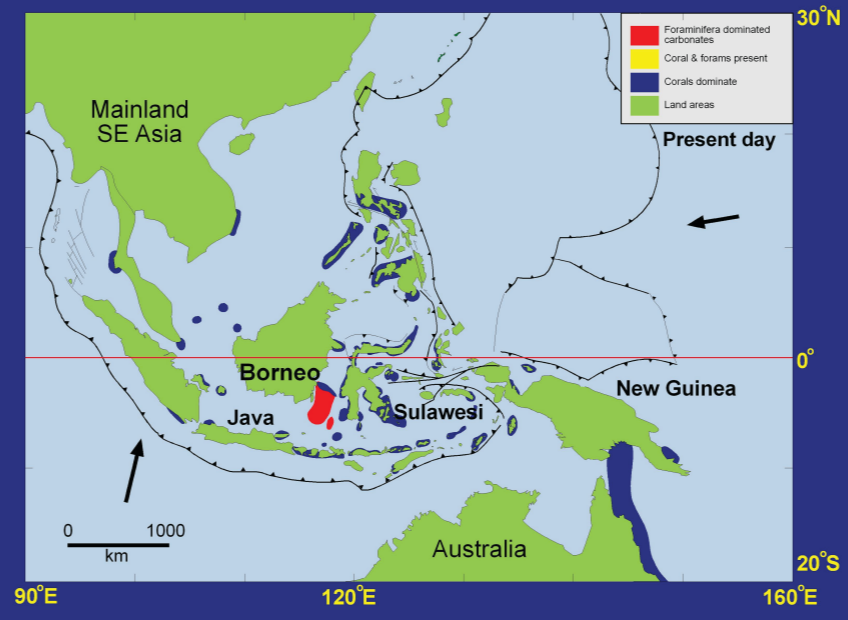
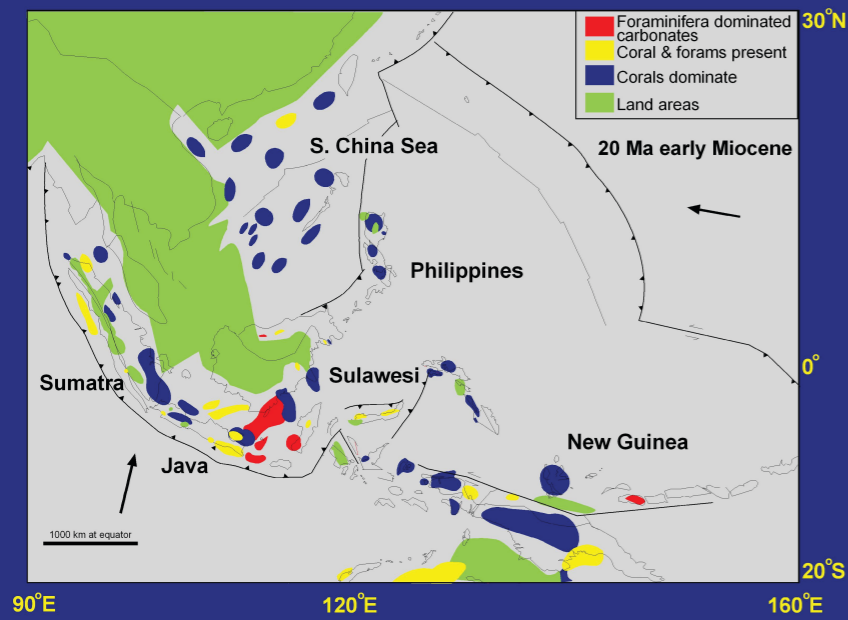


Regional Carbonate Deposition

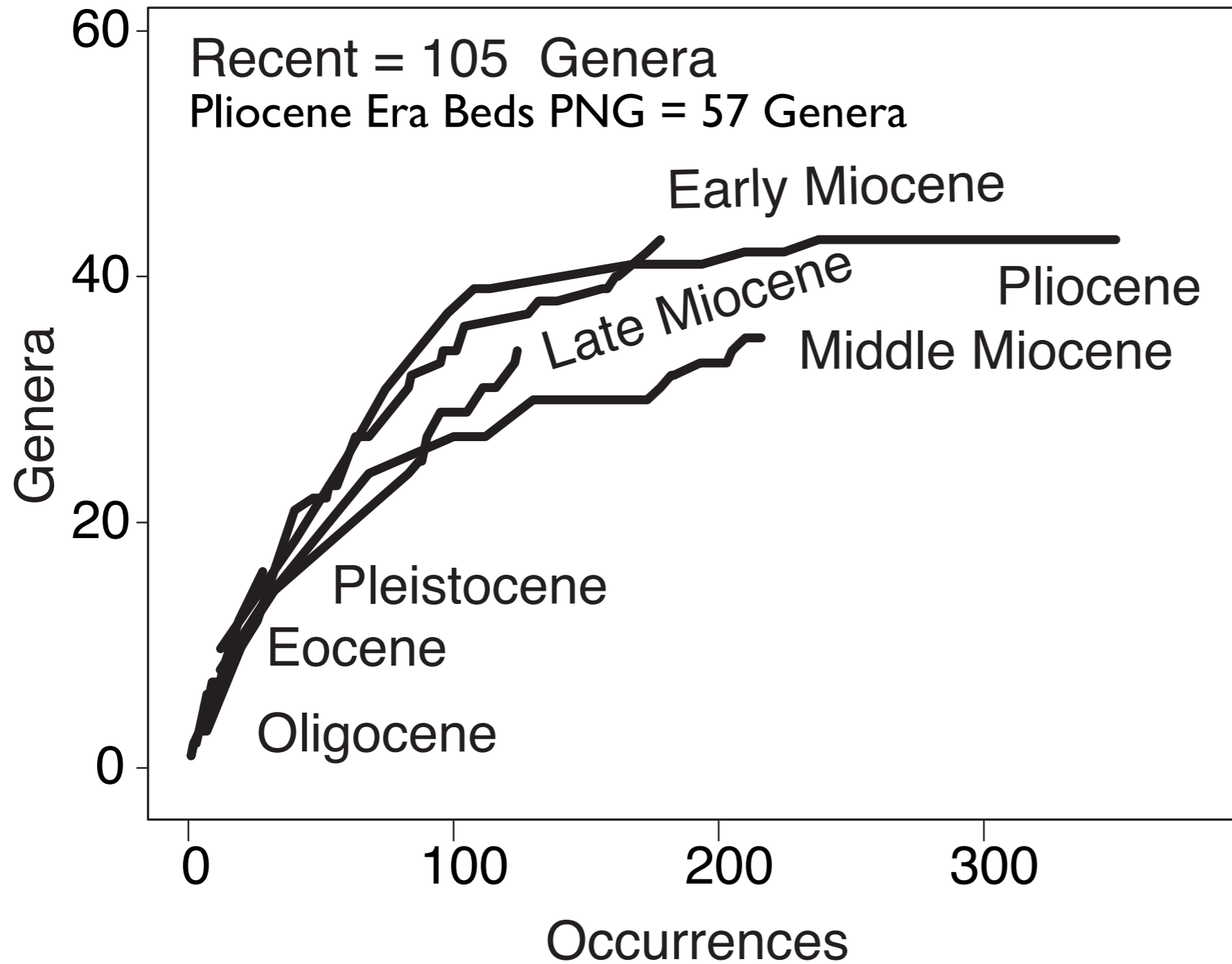
red: Foraminifera-dominated

blue: Coral-dominated

Switch during Late Oligocene/Early Miocene

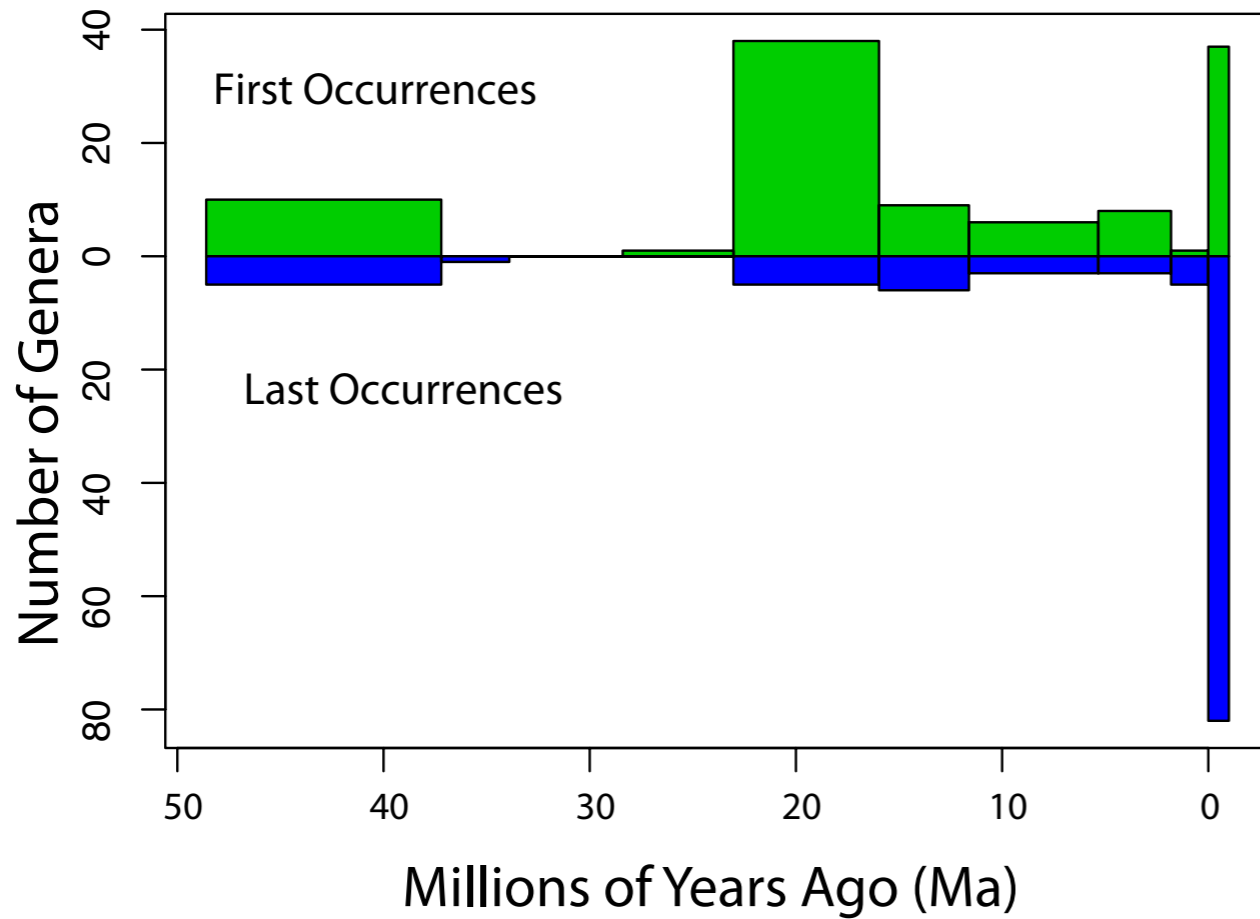
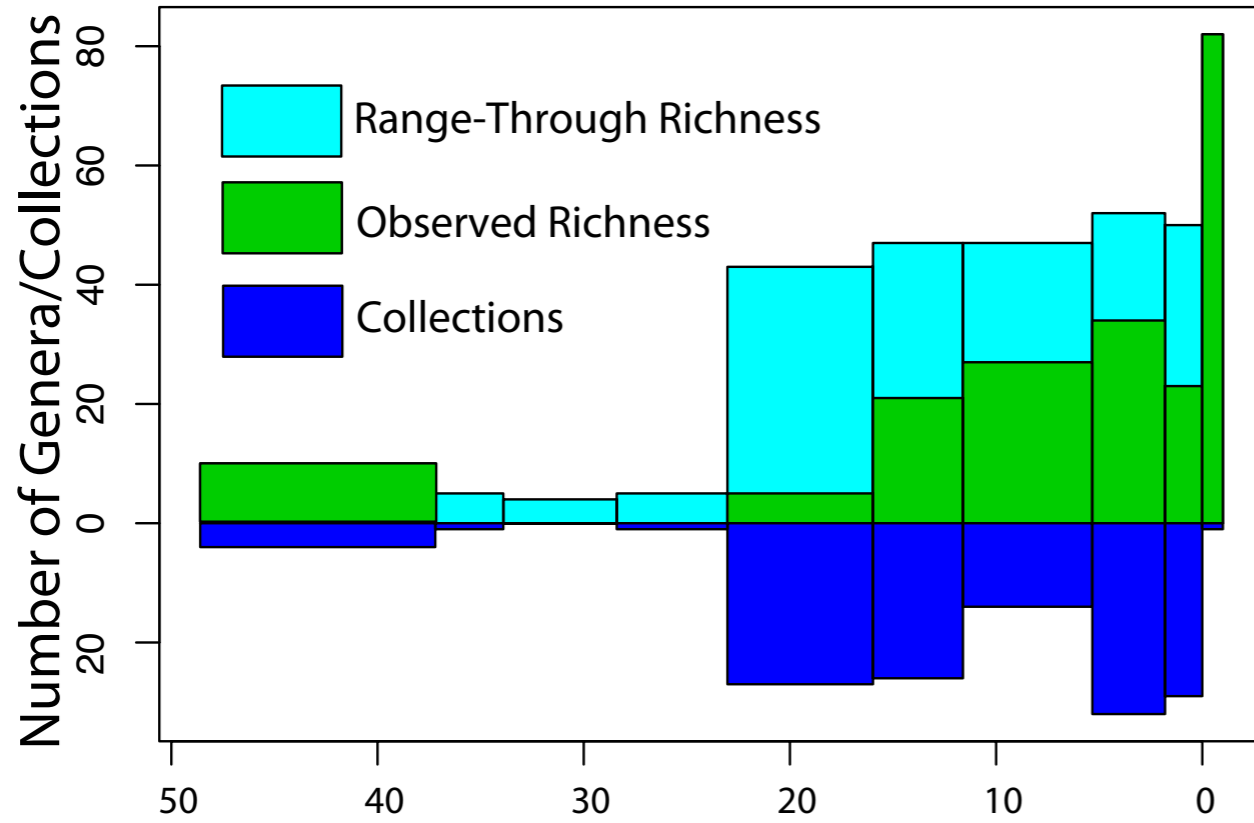


SE Asia Genera



Era Beds from (Veron & Kelley, 1998)
Recent from ITIS

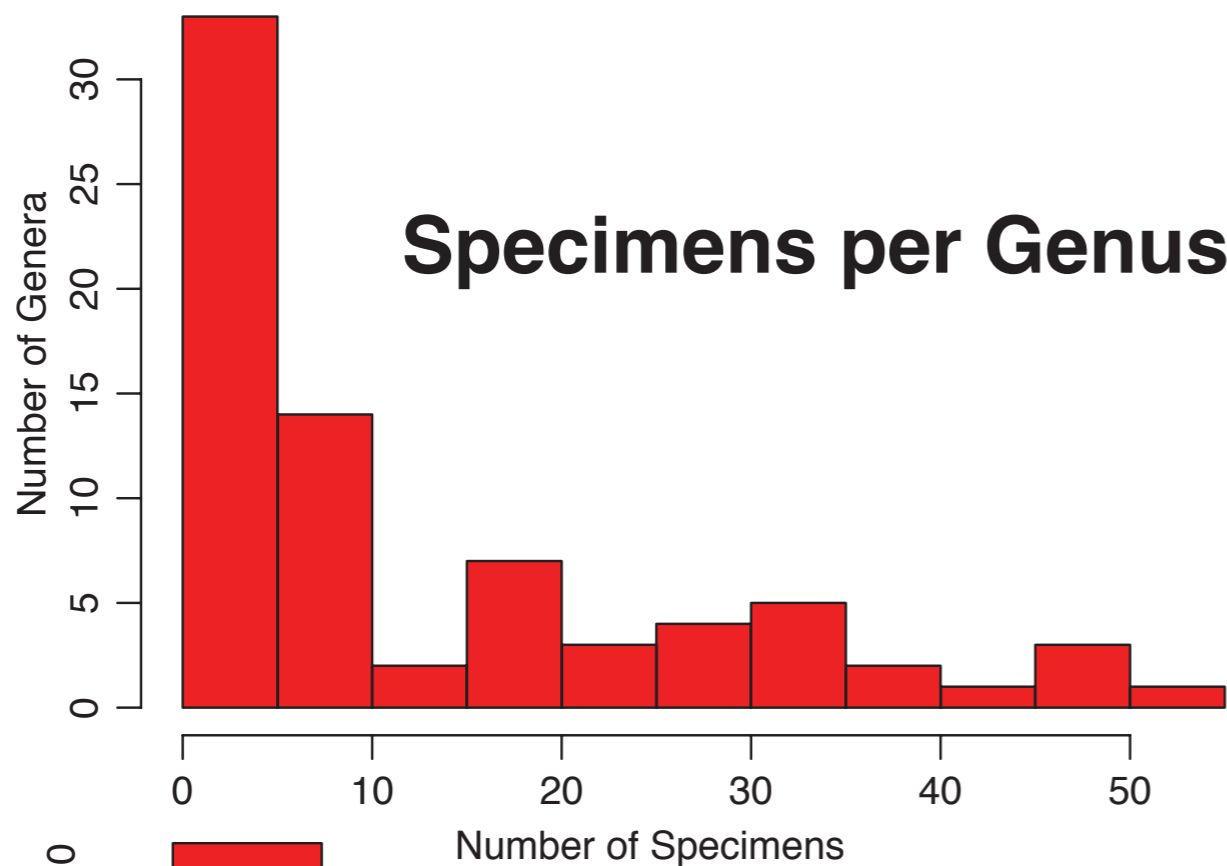
SE Asia Genera



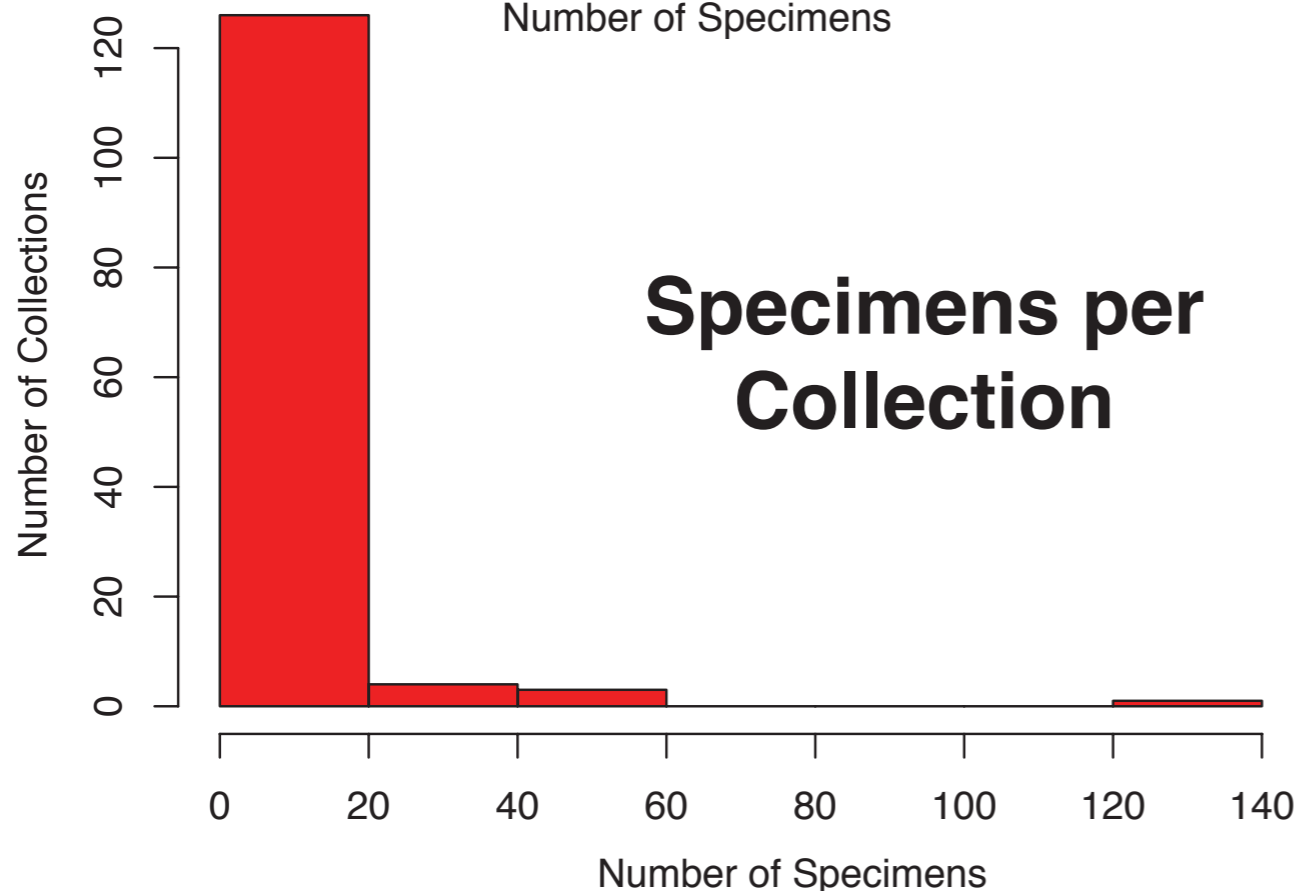
Miocene
diversification

Pleistocene
diversification

Sanity Check I : Plio/Pleistocene diversification



Goniastrea 49 specimens
Acropora 50 specimens



Pliocene Gunung Linggapandang 128 specimens

Plio/Pleistocene Era Beds PNG

74 extant species

9 extinct species

57 genera (2 extinct)

Veron and Kelley 1988

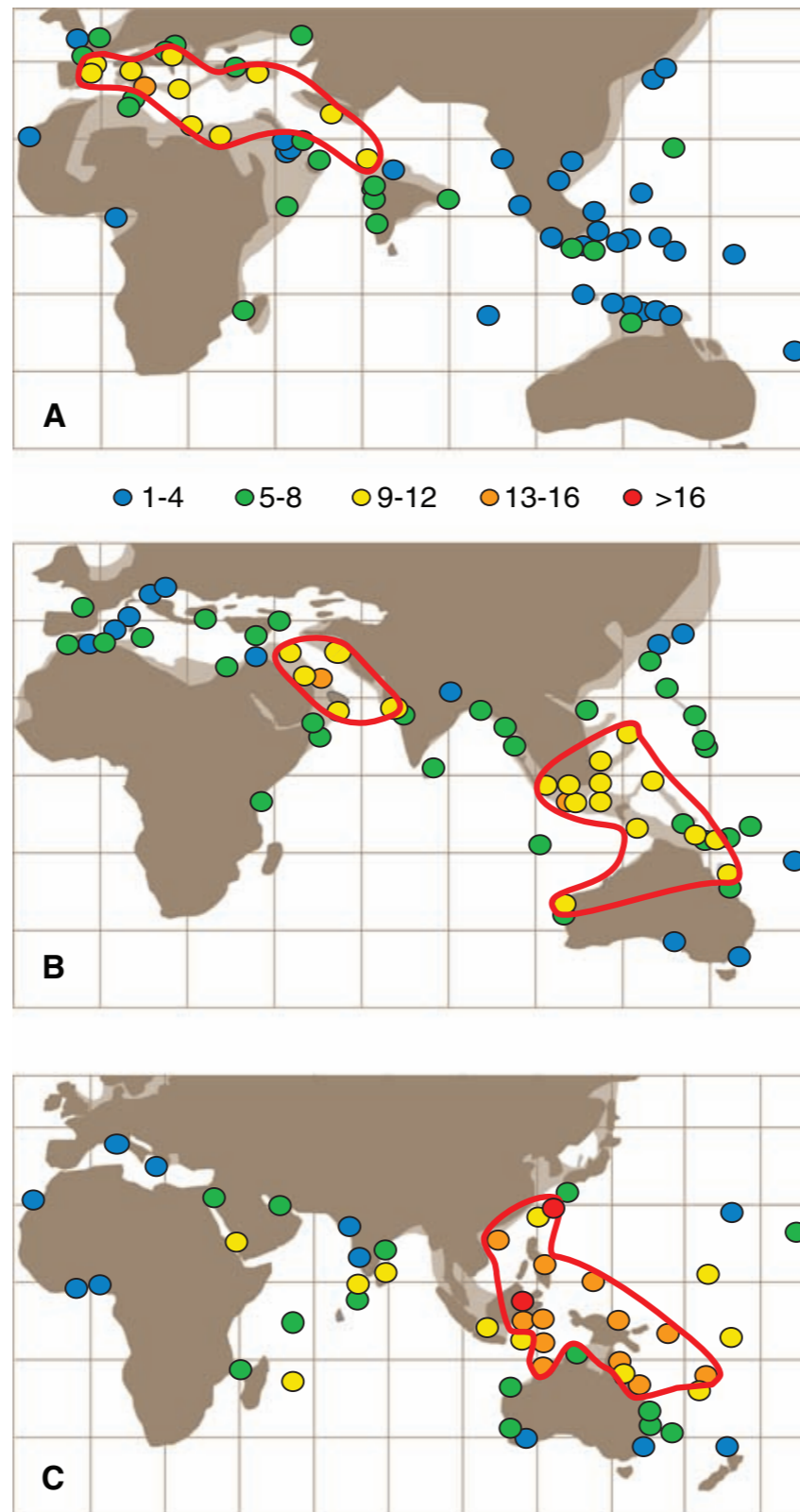
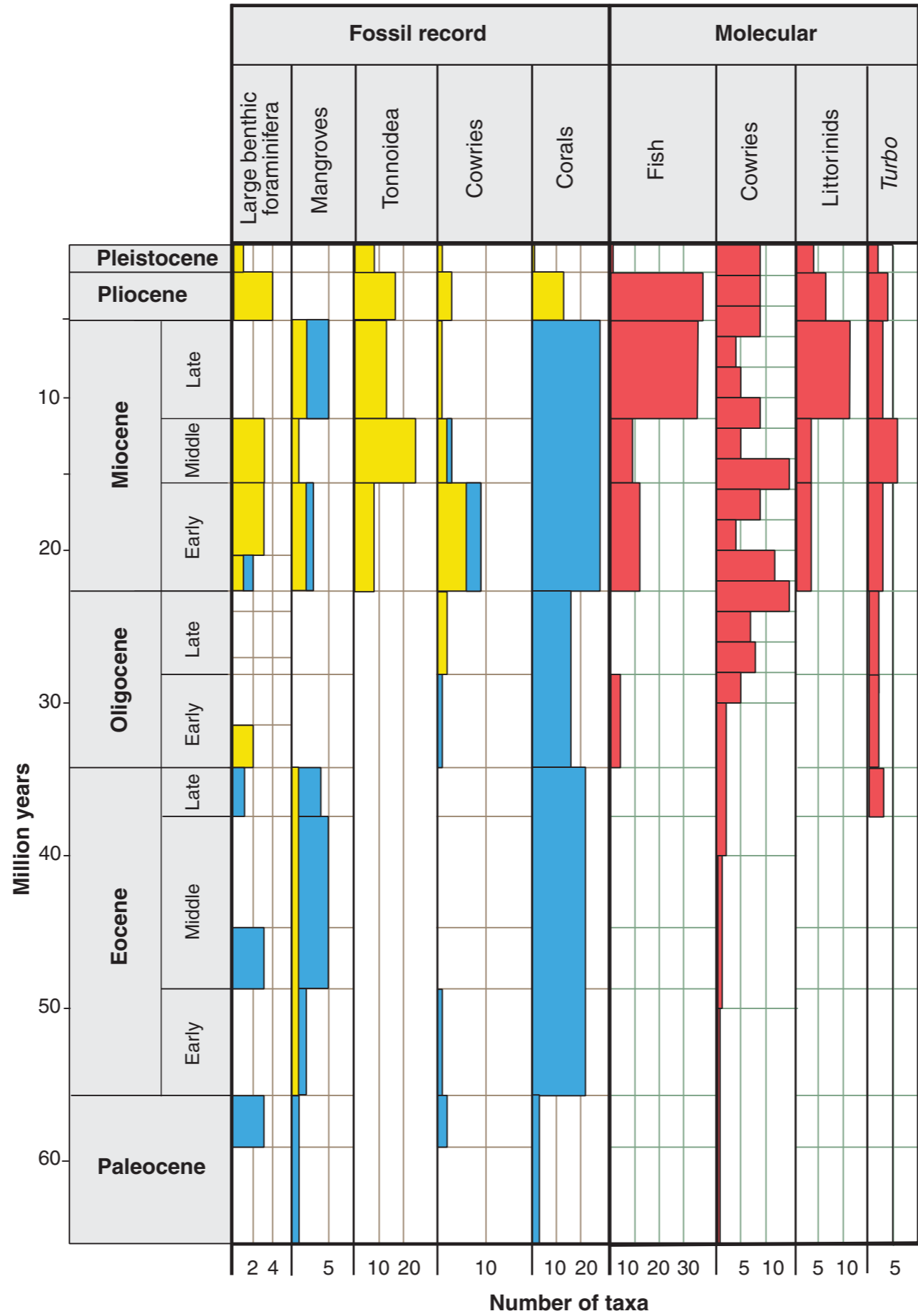
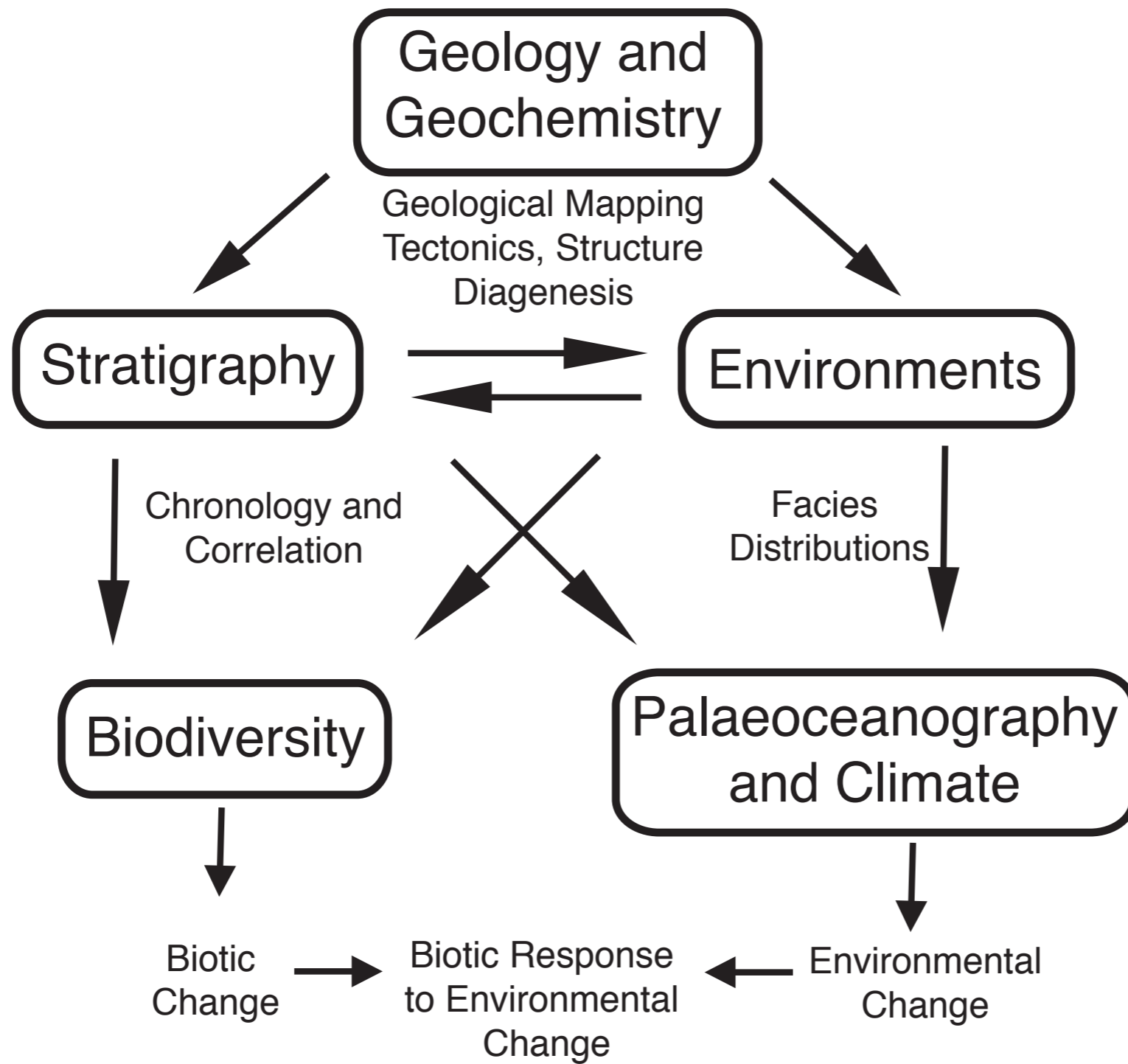


Fig. 1. Generic α -diversity of large benthic foraminifera in **(A)** the late Middle Eocene (42 to 39 Ma), **(B)** the Early Miocene (23 to 16 Ma), and **(C)** the Recent. Solid lines delimit the West Tethys, Arabian, and IAA biodiversity hotspots (tables S1 to S3). Note the relocation of hotspots across the globe. Where multiple studies occurred at a single locality, the highest recorded diversity is reported. Paleogeographic reconstructions modified after (41, 42).





Overview of Project Management and Reporting

Table A1: List of Participants					
Beneficiary Number	Full Network Partner	Short Name	Country	Date enter project	Date exit project
1 (Coordinator)	Natural History Museum	NHM	United Kingdom	Month 1	Month 48
2	Christian-Albrechts-Universität zu Kiel	CAU	Germany	Month 1	Month 48
3	Stichting Nationaal Natuurhistorisch Museum Naturalis	NNM	Netherlands	Month 1	Month 48
4	Royal Holloway and Bedford New College	RHUL	United Kingdom	Month 1	Month 48
5	Universität Bremen	Uni-HB	Germany	Month 1	Month 48
6	Universidad de Granada	UGR	Spain	Month 1	Month 48
7	Universiteit Utrecht	UU	Netherlands	Month 1	Month 48

Table A2: List of Associated Partners					
Associated Partner Number	Associated Partner Name	Short Name	Country	Level of Participation	Organisation Status
1	Curtin University of Technology	CU	Australia	2	Secondary or higher education establishment
2	Murphy Sarawak Oil Co. Ltd.	MO	Malaysia	2	Non-SME
3	Palynova	PN	United Kingdom	2	SME
4	Pusat Survei Geologi	PSG	Indonesia	2	Non profit public body
5	Smithsonian Tropical Research Institution	STRI	Panama	2	Non profit research organisation
6	University of Queensland	UQ	Australia	2	Secondary or higher education establishment



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Overview of Project Management and Reporting

Table B1: Research Training Projects

Work Package	Project Number	Project title	Primary	Secondary	Assoc.
1	1.1	The effects of increasing reef on development coral diversity .	NHM	Uni-HB	UQ
1	1.2	The origins and evolution of the modern Pacific reef algal flora.	UG	RHUL	UQ
1	1.3	Diversity and Taxonomic turnover of mollusks	NNM	NHM	PSG
1	1.4	Cenozoic history of bryozoan diversity in the Indo-West Pacific	NHM	UG	STRI
2	2.1	Shallow marine palaeoenvironments and the ITF.	UG	NNM	CU
2	2.2	High-resolution environmental proxies of microsampled corals and foraminifera	RHUL	CAU	CU
3	3.1	Impact of changes in the ITF on global climate evolution – a modelling approach	Uni-HB	RHUL	PN
3	3.2	Neogene circulation patterns and biogeography of foraminifera	CAU	NNM	MO
3	3.3	Quaternary of the Makassar Strait: Base-line for Cenozoic reconstructions.	CAU	UG	PN
4	4.1	Building a chronostratigraphic framework	UU	NNM	PSG
4	4.2	Inter- and intra specific variation in large benthic foraminifera	NNM	NHM	MO

Table B2: Network Training Activities, Symposia, and other Events

	<u>Event Name</u>	<u>Date</u>	<u>Organizer</u>	<u>Venue</u>	<u>Duration (days)</u>	<u>Researcher-Days</u>	<u>Programme Outline (Research/Complementary skills training)</u>
1	SYM-1	1	4	UK	3	12	SAGE: SE Asian Gateway Evolution.
2	NTA-1	5	4	UK	5	0	An introduction to the Geology of SE Asia./GIS and the visualisation of spatial data.
3	NTA-2 (Field Training)	9	3	Indonesia	25	150	High-resolution chronostratigraphy in clastic and carbonate settings./Live from the field: communicating Science to wider audiences.
4	NTA-3	13	1	UK	5	25	Bioinformatics and geoinformatics: new approaches to integrating research data using the WWW/ IPR: Practices and implications for research in the Natural Sciences.
5	NTA-4 (Field Training)	21	1	Indonesia	25	150	Palaeoecology, geological analysis, and interpretation of past environments. / Life on the other side: Research careers in the petroleum industry
6	SAB Review	21	1	Indonesia	10	40	Project review with Scientific Advisory Board
7	NTA-5	25	2	Germany	7	0	Palaeoceanographic proxies and biogeochemical modelling./Marine Resources and Risks: Options for regional ocean management
8	NTA-6	34	6	Spain	6	50	Sedimentology, biostratigraphy, and palaeoecology at a seismic scale/Geotourism: Sustainable tourism activities focused on geoheritage.
9	SYM-2	46	3	Netherlands	3	42	International Symposium on the geological, environmental, and biotic history of Southeast Asia.

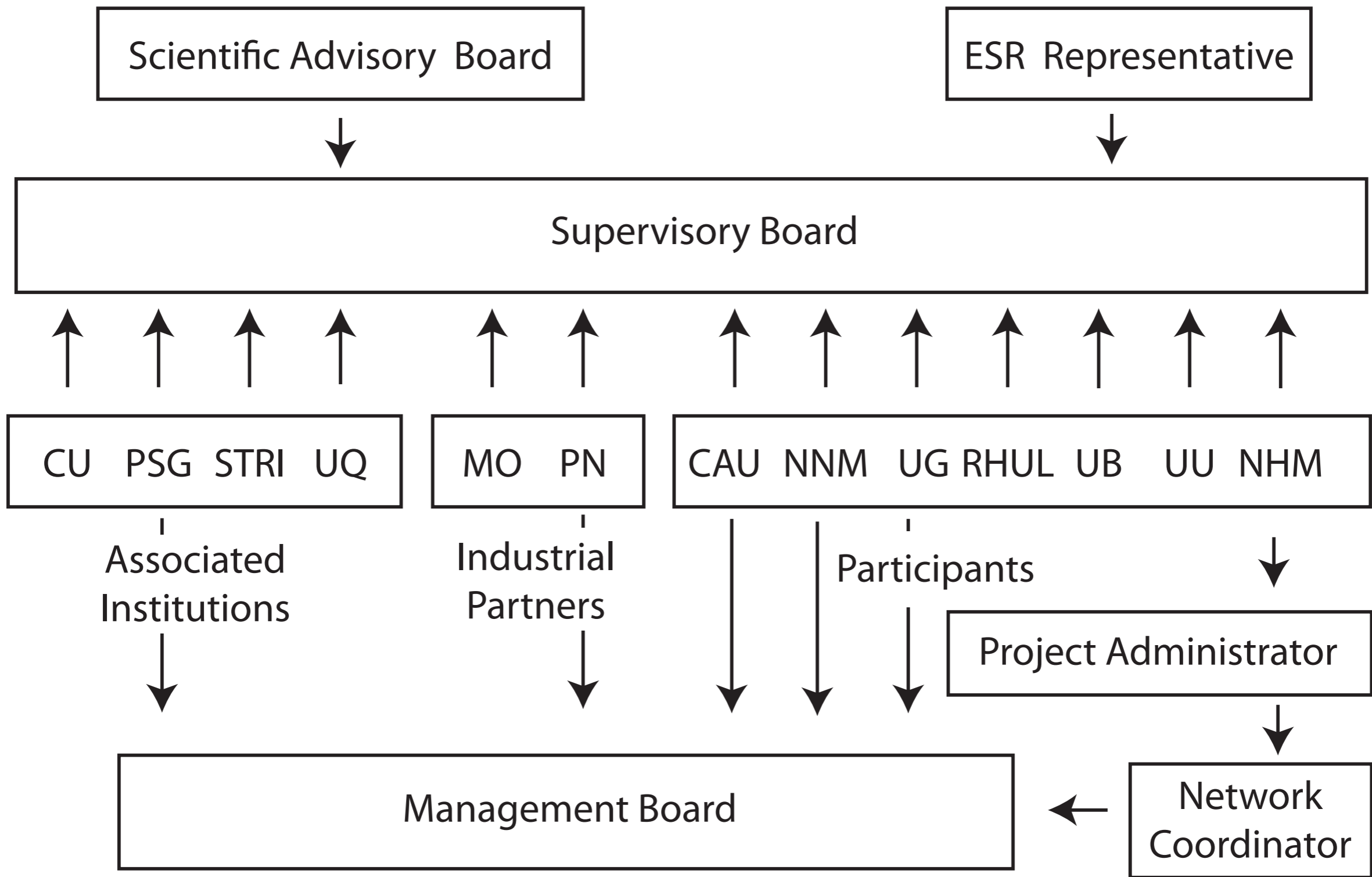


Table B5: List and Schedule of Milestones

Milestone no.	Milestone name	WP no's	Lead Beneficiary	Delivery Date	Comments
1	End Phase I	1 - 6	1 - 7	Month 9	ESRs in place with completed personal development plans
2	End Phase II	1 - 6	1 - 7	Month 21	Preliminary reports from first field season complete
3	End Phase III	1 - 6	1 - 7	Month 34	Preliminary reports from second field season complete
4	End Phase IV	1 - 6	1 - 7	Month 48	Project end, complete final reports

Table B6: Tentative schedule of Project Reviews

Review no.	Tentative Timing	Planned venue	Comments
1	Month 9	Indonesia	End of Phase I
3	Month 21	Indonesia	End of Phase II /SAB Review
2	Month 23	Leiden	Midterm Review
3	Month 34	Granada	End of Phase III
4	Month 46	Leiden	Final Review