

## APPENDIX 1

Photographs of the original holotype slide of *Globigerina siakensis* LeRoy, 1939, rediscovered by (Hartono, 1960).

## APPENDIX 2

Desk top SEM wall texture photographs of near topotypes of *P. siakensis*. The file name of each photograph denotes photograph number, sample level/number, specimen number on stub, and chamber position. For example, 3-290/305 cm-6-n refers to photo 3 from a sample at 290–305 cm in core TPKR III. The specimen is 6 on the stub and the final chamber (n) is photographed. **1–6a** core TPKR III, sample 290–305 cm. **6b–13b** core TPKR III, sample 315–325 cm **13c–24**, core TPKR III, sample 405–415 cm. **25–28** outcrop sample TPK 1. **29–39** outcrop sample TPK 2. **40–48** outcrop sample TPK 3. **49–61** outcrop sample TPK 6. **62–65** outcrop sample TPK 10. **66–72** *Orbulina* specimen (mounted on the stub for orientation) from outcrop sample TPK 1 shows true spine holes (sh) surrounded by spine collars which coalesced into interpore ridges; spine bases and ridges are clearly etched and partly removed by diagenetic dissolution (67, 70). The etched interpore lumps on the final chamber (71, 72) with overgrown spine bases (osb) and spine holes (sh) may represent remnants of coalesced spine bases enclosing filled or overgrown spine holes; only one spine hole has remained open (72). Small interpore holes on 7, 13b, 15, 16, 18, 19, 37, 38, 47, and 58 are spine holes (sh).

### APPENDIX 3

Desk top SEM photographs of *P. siakensis* specimens from the Bodjonegoro-1 well on Java. The file name of each photograph denotes photograph number, sample level/number, specimen number on stub, and chamber position (for further explanation, see caption for Appendix 2 ). **1–11** sample 861 m, *Globorotalia mayeri* Zone. **12–26** sample 901 m, *Gl. mayeri* Zone. Small interpore holes on 8, 9, 20–22, 24, and 25 are interpreted as spine holes (sh).

### APPENDIX 4

Desk top SEM photographs of *P. siakensis* specimens from Trinidad. The file name of each photograph denotes photo number, sample level/number, specimen number on stub, and chamber position (for further explanation, see caption for Appendix 2). **1–19** sample 1098, *Globorotalia. fohsi lobata* Zone. **20–24** sample TLL 108301, *Globorotalia. mayeri* Zone. **25–32** sample DB 180, *Gl. mayeri* Zone. **33–47** sample TLL 215660, *Gl. fohsi robusta* Zone. **48, 49** *Orbulina* specimen, sample TLL 215660, *Gl. fohsi robusta* Zone, with overgrown spine base (osb) on 48 and spine hole (sh) on 49. **50, 51** sample RDL 2699, upper Oligocene, Cipero Coast. Filled interpore pits (fip) can be found on 2, 26b–d, 35b–d, 37a, and 51. Small interpore holes (50, 50a) are interpreted as spine holes (sh).