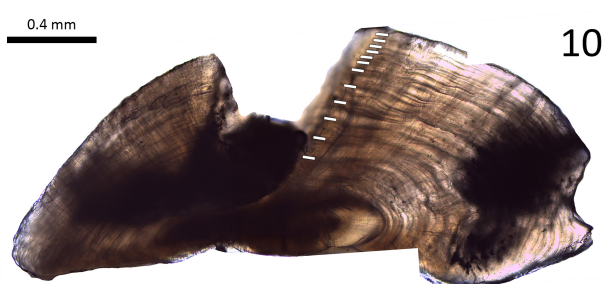
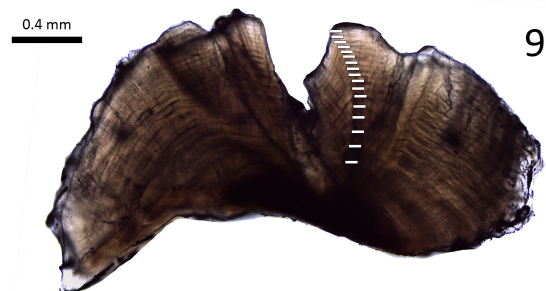
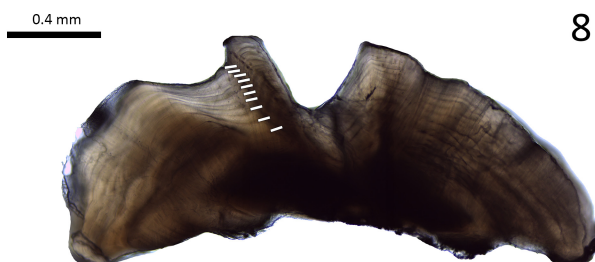
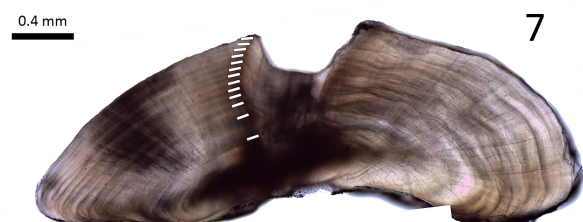
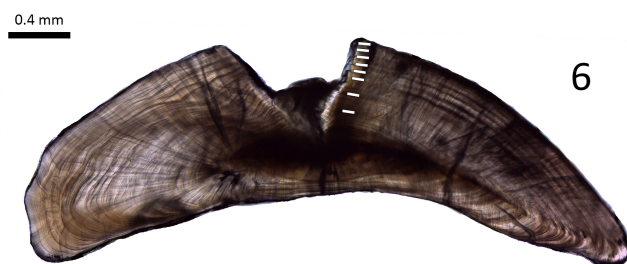
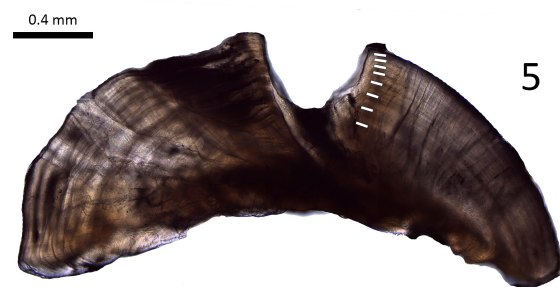
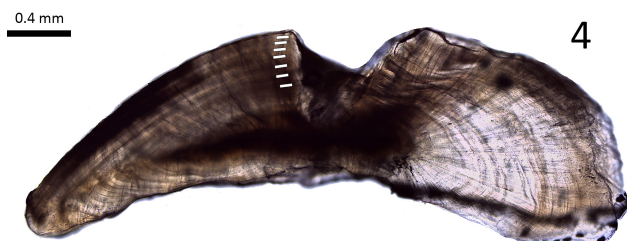
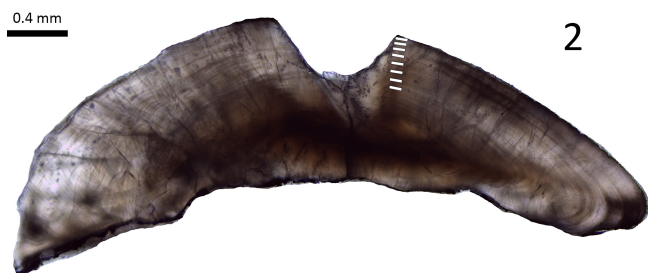
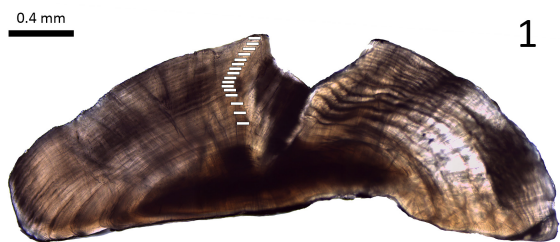


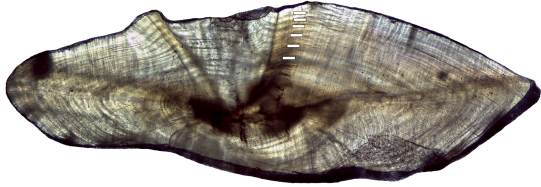
Supplementary File 1

Examples of transverse sagittal otolith sections with the increment patterns (denoted by white marks) used for the back-calculation of size-at-age for the species studied. The numbers correspond to [ACANTHURIDAE] 1. *Acanthurus achilles* (16 years, 192.84 mm TL), 2. *Acanthurus lineatus* (8 years, 259 mm TL), 3. *Acanthurus nigricans* (5 years, 150 mm TL), 4. *Acanthurus pyroferus* (7 years, 225 mm TL), 5. *Acanthurus triostegus* (8 years, 181.72 mm TL), 6. *Ctenochaetus marginatus* (8 years, 233.36 mm TL), 7. *Ctenochaetus striatus* (13 years, 175 mm TL), 8. *Naso lituratus* (10 years, 300 mm TL), 9. *Naso unicornis* (17 years, 612.65 mm TL), 10. *Zebrasoma scopas* (12 years, 142 mm TL), [APOGONIDAE] 11. *Ostorhinchus angustatus* (6 years, 83.009 mm TL), 12. *Ostorhinchus apogonoides* (4 years, 89.2 mm TL), 13. *Pristiapogon taeniopterus* (3 years, 70.012 mm TL), [BALISTIDAE] 14. *Balistapus undulatus* (17 years, 203.955 mm TL), 15. *Odonus niger* (3 years, 181.96 mm TL), [CARANGIDAE] 16. *Caranx melampygus* (15 years, 712.497 mm TL), [CHAETODONTIDAE] 17. *Chaetodon citrinellus* (2 years, 65.887 mm TL), 18. *Chaetodon ornatissimus* (7 years, 139 mm TL), [HOLOCENTRIDAE] 19. *Myripristis berndti* (11 years, 255 mm TL), 20. *Sargocentron microstoma* (3 years, 64.271 mm TL), [LABRIDAE] 21. *Cheilinus chlorourus* (6 years, 205.35 mm TL), 22. *Epibulus insidiator* (12 years, 284 mm TL), 23. *Halichoeres trimaculatus* (5 years, 171 mm TL), [LETHRINIDAE] 24. *Gnathodentex aureolineatus* (13 years, 224.16 mm TL), 25. *Monotaxis grandoculis* (20 years, 427.44 mm TL), [LUTJANIDAE] 26. *Lutjanus fulvus* (12 years, 284.014 mm TL), 27. *Lutjanus gibbus* (1 years, 135 mm TL), 28. *Lutjanus kasmira* (30 years, 326.26 mm TL), [MULLIDAE] 29. *Mulloidichthys flavolineatus* (4 years, 257.481 mm TL), 30. *Parupeneus barberinus* (6 years, 486.78 mm TL), [POMACANTHIDAE] 31. *Centropyge bispinosa* (7 years, 62.105 mm TL), 32. *Centropyge flavissima* (8 years, 109.44 mm TL), 33. *Abudefduf sexfasciatus* (7 years, 159 mm TL), 34. *Chromis iomelas* (2 years, 40.831 mm TL), 35. *Chromis viridis* (9 years, 135 mm TL), 36. *Dascyllus aruanus* (6 years, 56.828 mm TL), 37. *Dascyllus flavicaudus* (13 years, 102 mm TL), 38. *Stegastes albifasciatus* (1 years, 58.533 mm TL), 39. *Stegastes nigricans* (13 years, 125 mm TL), [LABRIDAE, previously SCARIDAE] 40. *Chlorurus spilurus* (16 years, 295 mm TL), 41. *Scarus psittacus* (3 years, 279.836 mm TL), [SCOMBRIDAE] 42. *Gymnosarda unicolor* (7 years, 984.69 mm TL), [SERRANIDAE] 43. *Cephalopholis argus* (13 years, 430 mm TL), 44. *Cephalopholis urodeta* (14 years, 150 mm TL), 45. *Epinephelus fasciatus* (9 years, 250 mm TL), 46. *Epinephelus hexagonatus* (7 years, 220 mm TL), 47. *Epinephelus merra* (16 years, 200 mm TL), 48. *Epinephelus polyphkadion* (9 years, 366 mm TL), 49. *Plectropomus laevis* (10 years, 654.82 mm TL), [SIGANIDAE] 50. *Siganus argenteus* (7 years, 327.12 mm TL), 51. *Siganus spinus* (2 years, 220.861 mm TL).



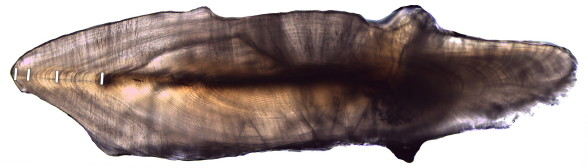
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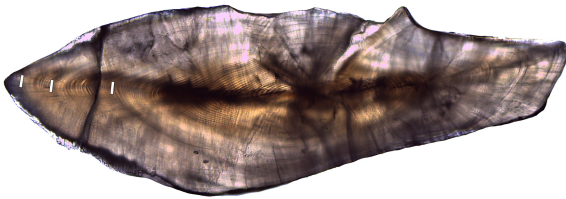
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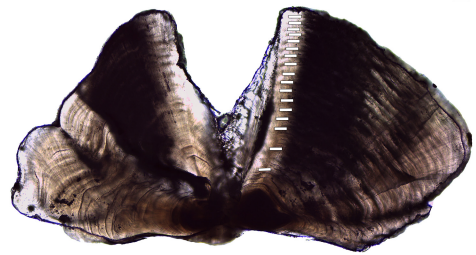
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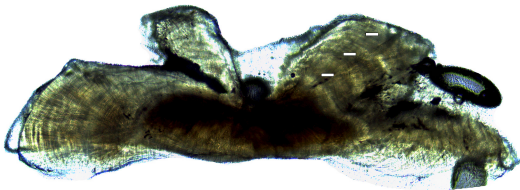
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14



0.25 mm

15



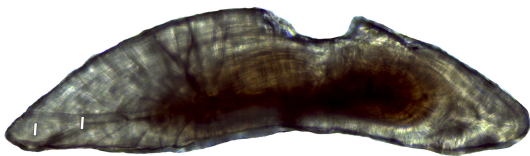
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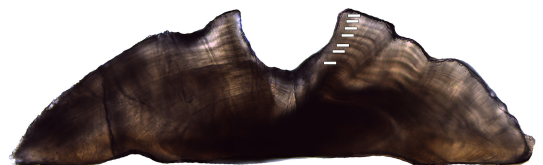
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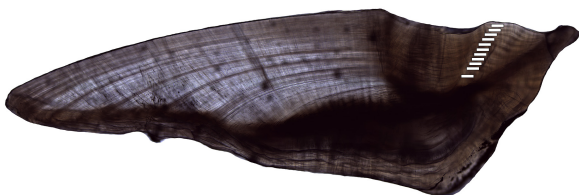
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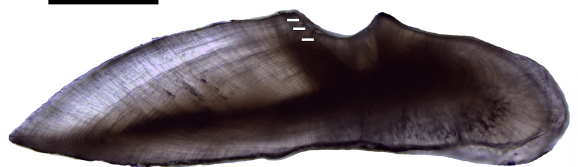
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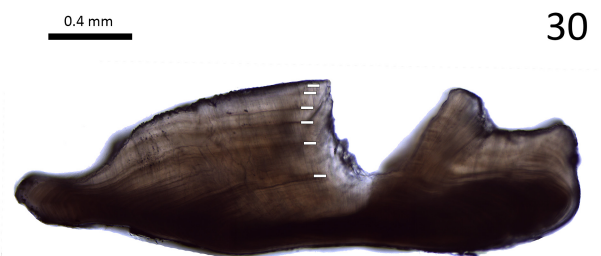
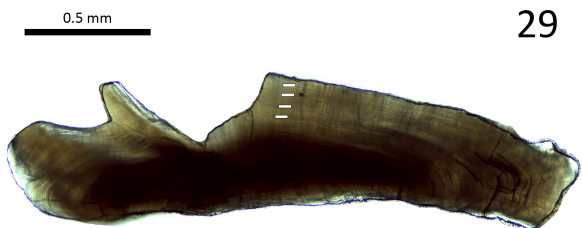
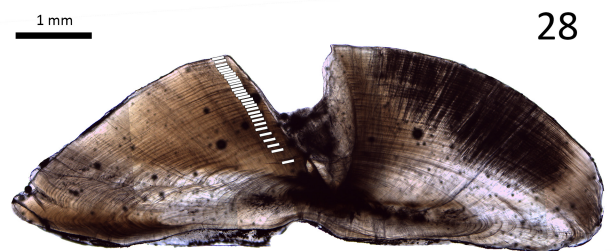
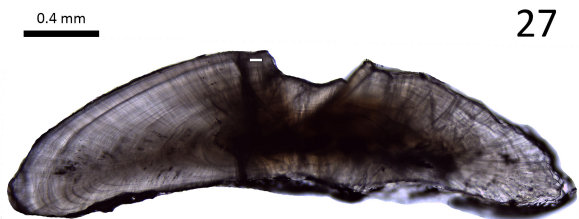
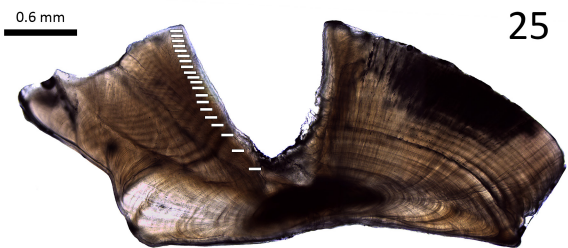
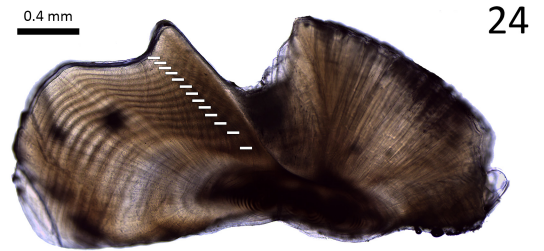
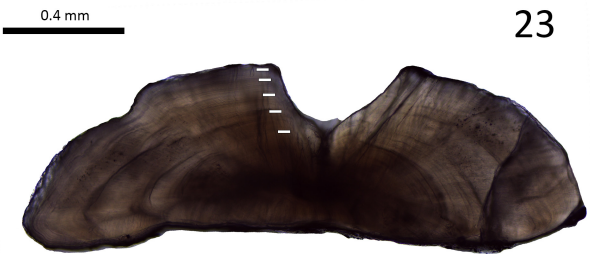
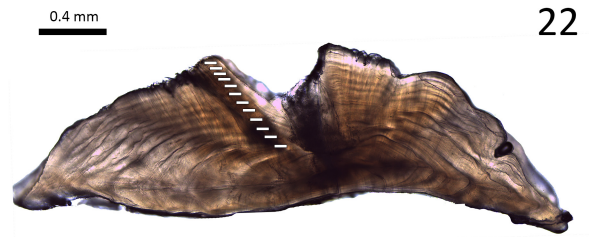
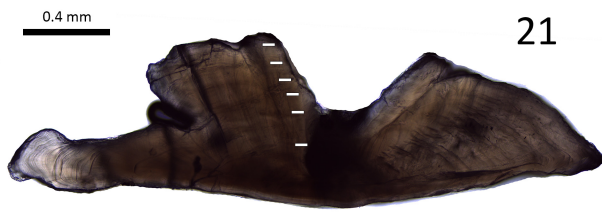
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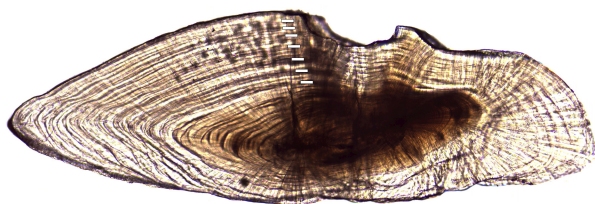
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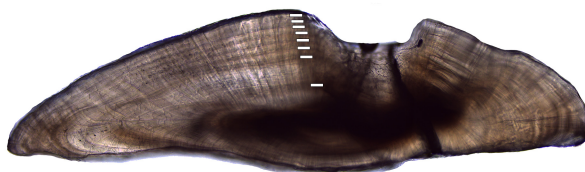
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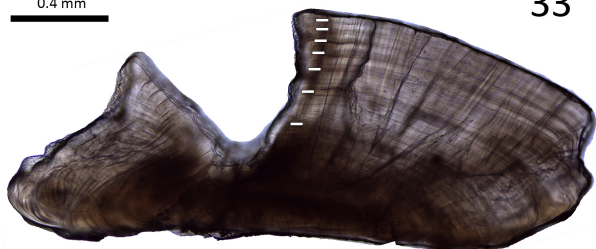
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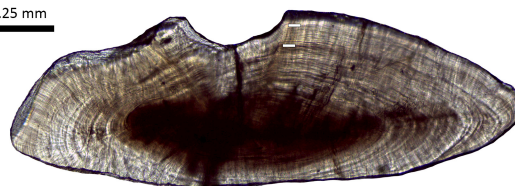
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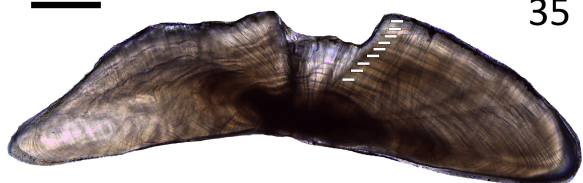
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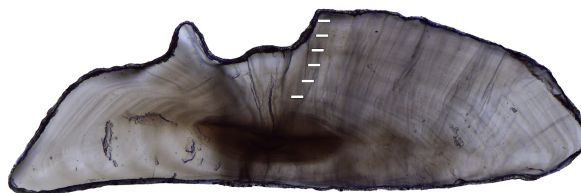
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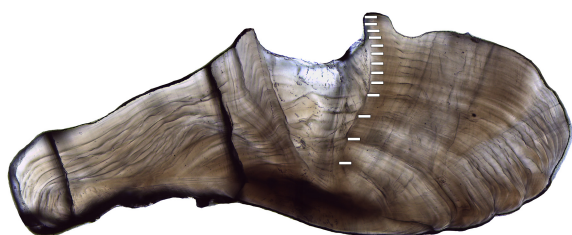
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36



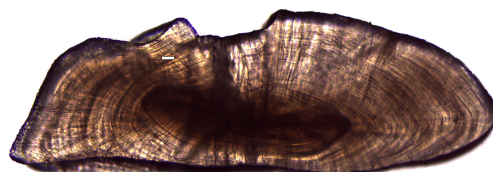
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37



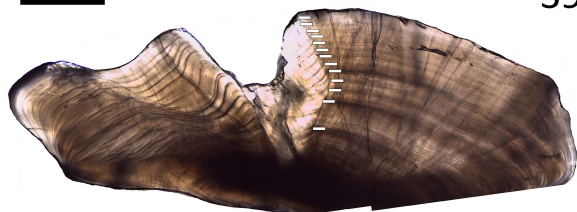
0.3 mm

38



0.4 mm

39



0.4 mm

40

