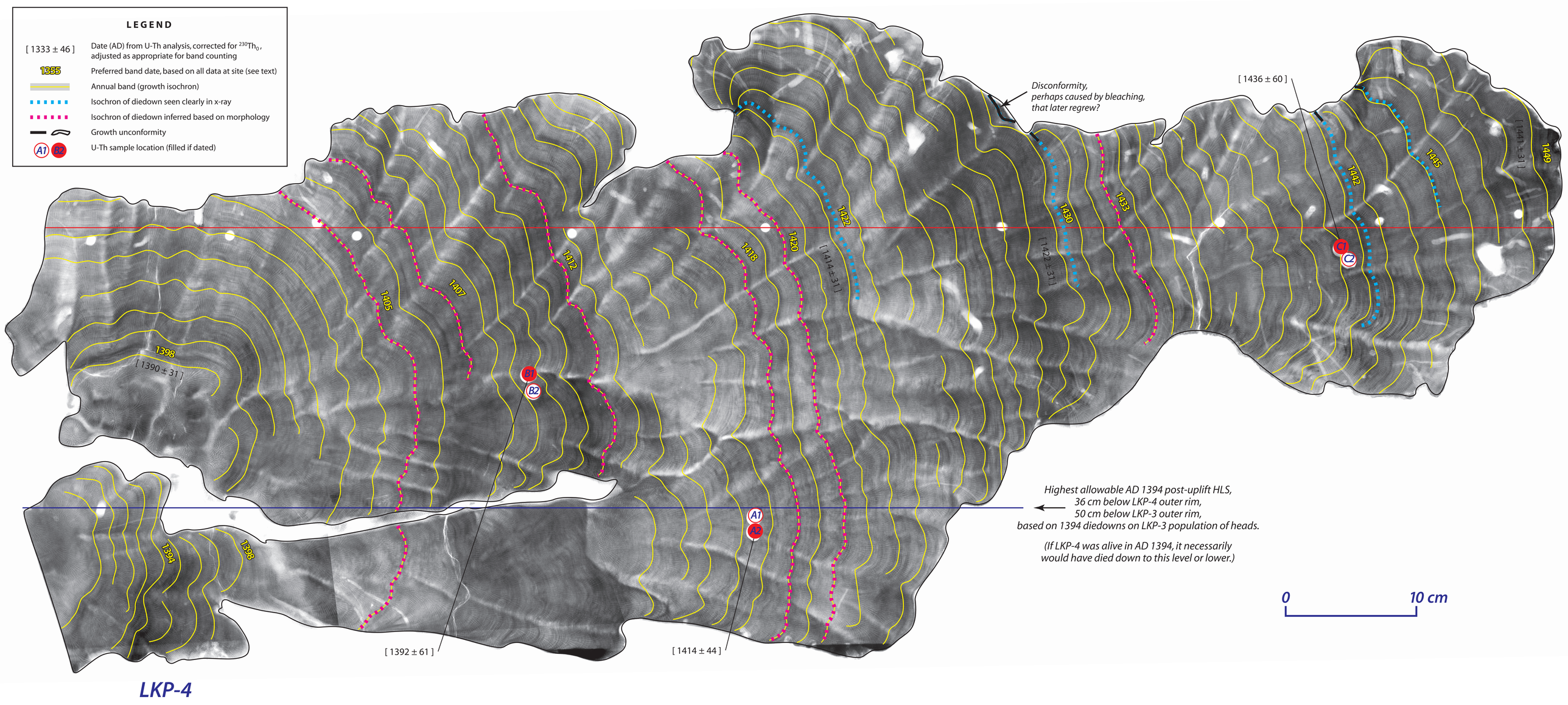
LEGEND
[1333 ± 46]
Date (AD) from U-Th analysis, corrected for $^{230}Th_0$, adjusted as appropriate for band counting
1355
Preferred band date, based on all data at site (see text)
Annual band (growth isochron)
Isochron of diedown seen clearly in x-ray
Isochron of diedown inferred based on morphology
Growth unconformity
A1 B2
U-Th sample location (filled if dated)
Disconformity, perhaps caused by bleaching, that later regrew?
[1436 ± 60]
1398
[1390 ± 31]
1405
1407
1412
1418
1420
1422
[1414 ± 31]
1430
[1422 ± 31]
1433
1442
1445
[1441 ± 31]
1449
1394
1398
B1
B2
A1
A2
C1
C2
[1392 ± 61]
[1414 ± 44]
Highest allowable AD 1394 post-uplift HLS, 36 cm below LKP-4 outer rim, 50 cm below LKP-3 outer rim, based on 1394 diedowns on LKP-3 population of heads.
(If LKP-4 was alive in AD 1394, it necessarily would have died down to this level or lower.)
0
10 cm
LKP-4