

SUPPLEMENTARY MATERIAL 2

CSI – Cuttlefish Sepion Investigation: overview of cuttlebones found on Aotearoa New Zealand shores and analysis of predation and scavenging marks

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CUTTLEBONES FOUND ON NEW ZEALAND SHORES

Sepia apama Gray, 1849



AWMM MA126096 (Waikato, Waikawau Bay; T.H. Race 09/iii/1975).



CM M5553 (Canterbury, New Brighton; pres. Miss Bellwood).



CM M5555 (Wellington, Waikanae).



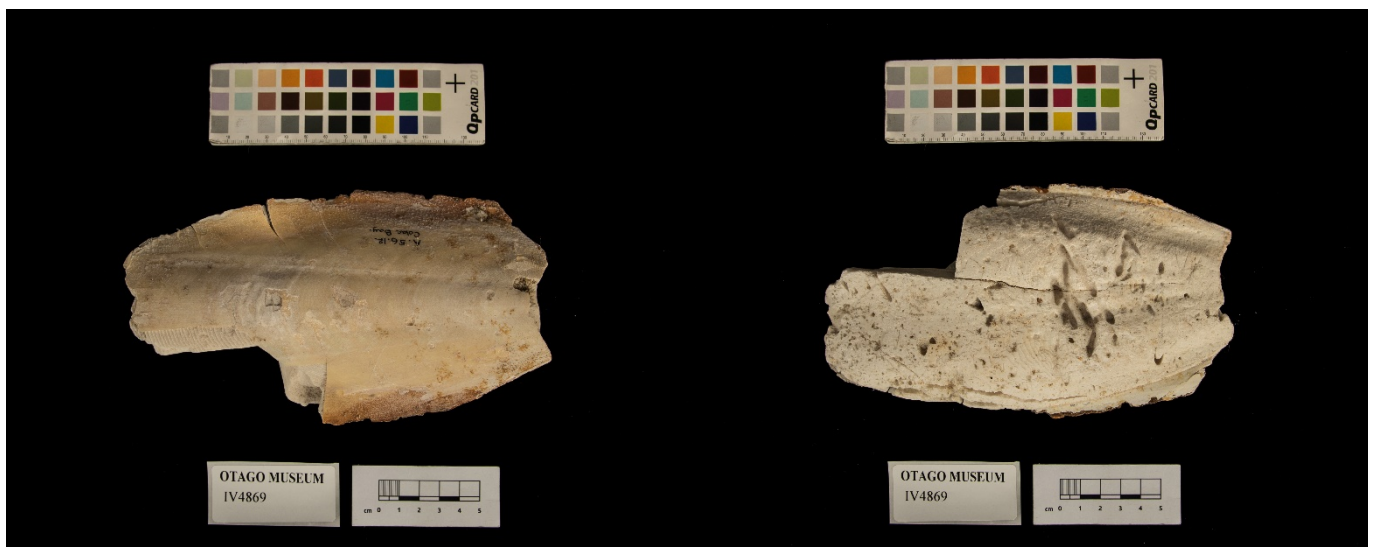
NMNZ M.016880 (Otago, Dunedin, Tomahawk Beach; F. Bruce col. 1963).



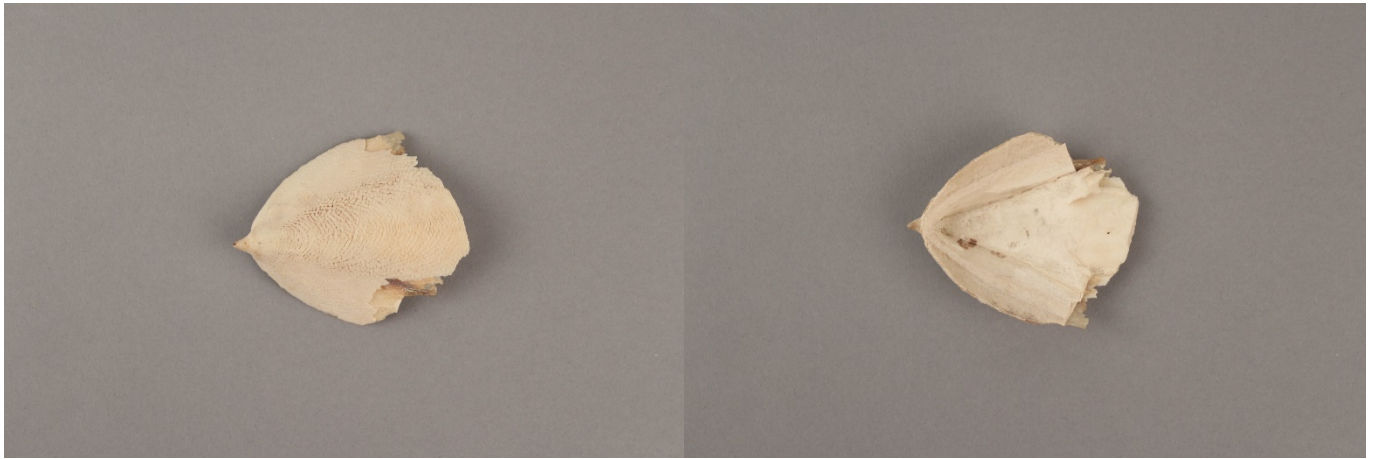
M.032420 (Wellington, Paekakariki Beach; P. Collins col. 08/xi/1973).



NMNZ M.330268 (Wellington, Kapiti Coast, Pekapeka Beach, 40°49.28'S 175°3.70'E; A.J.D. Tennyson col. 01/v/2020).



OM IV4869 (Southland, Colac Bay); SMAG E74.132 (Southland, Oreti Beach; x/1973, G. King & B. King leg.).



SMAG 8366 (no data).

Likely *Sepia apama* Gray, 1849



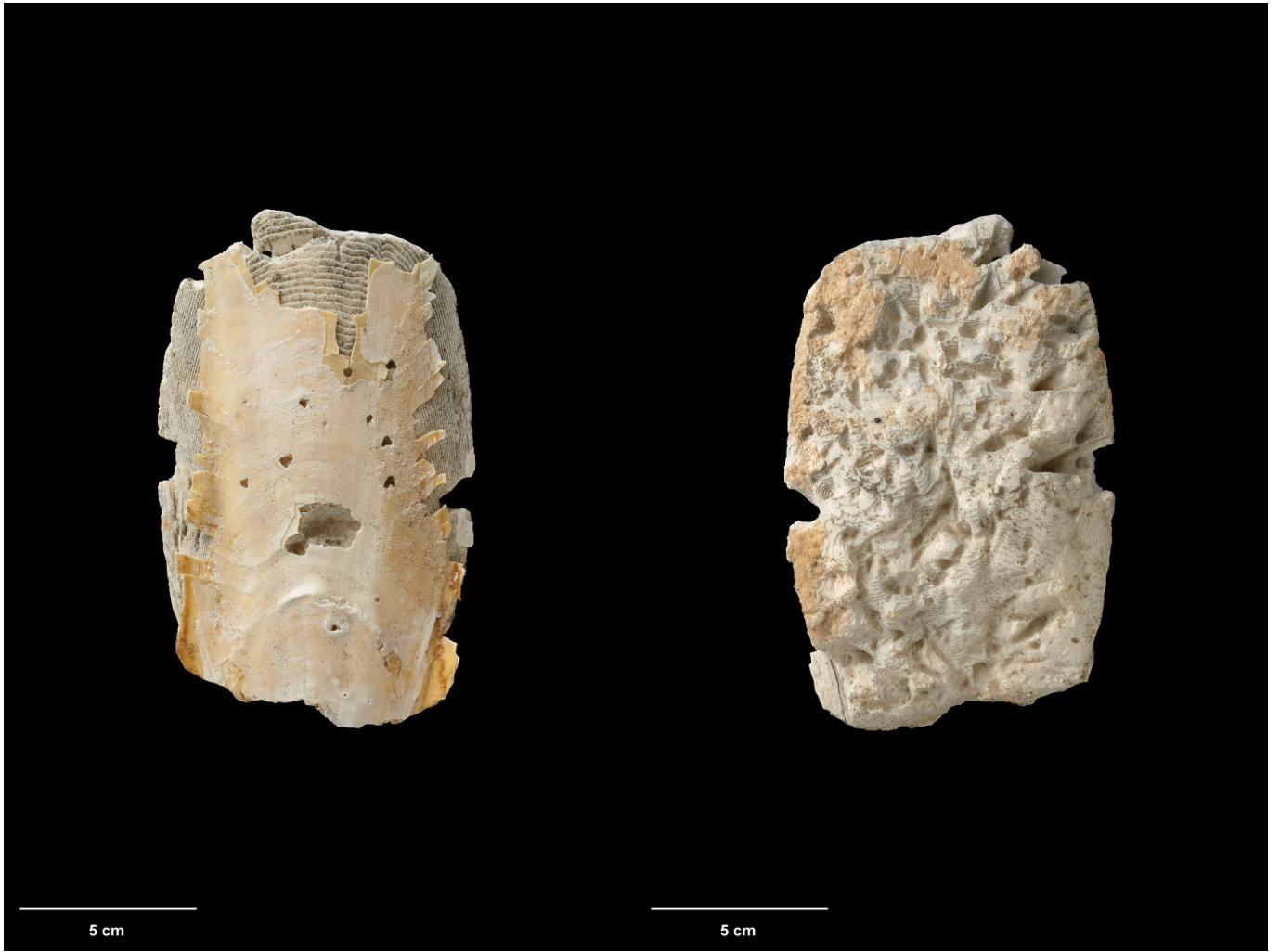
AWMM MA126095 (Auckland, Muriwai Beach, 29 km along the beach; A.W.B. Powell col. ix/1948).



NMNZ M.010926 (Waikato, Kawhia Harbour; C.A. Fleming col. xii/1956).



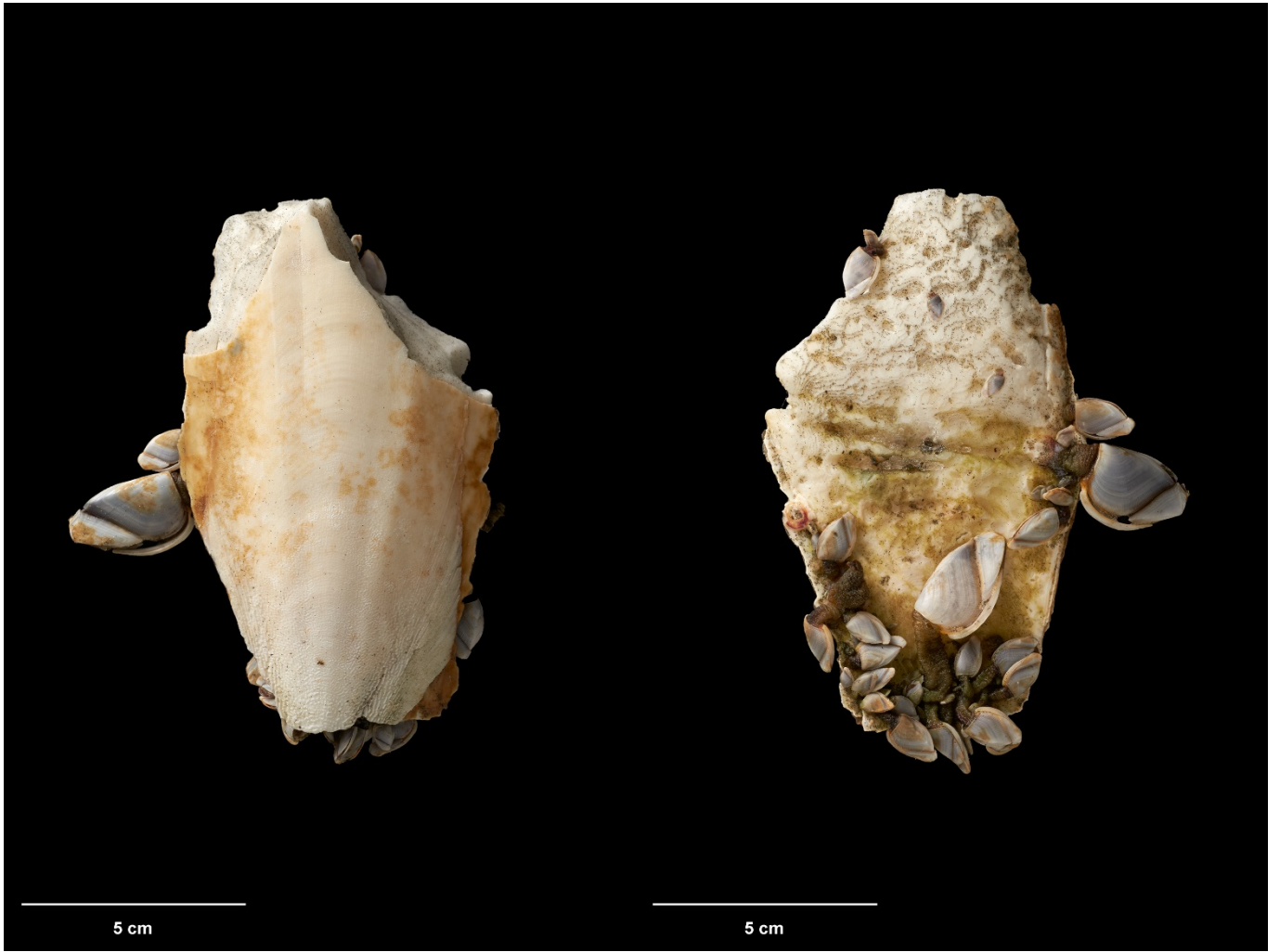
MNZ M.330087 (Wellington, Waikanae Beach; A.J.D. Tennyson col. 27/iv/2002).



NMNZ M.330090 (Wellington, Waikanae Beach; A.J.D. Tennyson col. 15/ix/2019).



NMNZ M.330093 (Wellington, Te Horo Beach, 40°46.78'S 175°5.37'E; A.J.D. Tennyson col. 13/v/2020).



NMNZ M.330266 (Wellington, Kapiti Coast, Pekapeka Beach, 40°50.03'S 175°3.15'E; A.J.D. Tennyson col. 29/iv/2020).



NMNZ M.330267 (Wellington, Paraparaumu Beach, 40°52.67'S 174°59.47'E; A.J.D. Tennyson col. 06/v/2020).

Sepia grahami A. Reid, 2001



SMAG 8367 (no data).

Possibly *Sepia latimanus* Quoy & Gaimard, 1832



SMAG 8360 (Stewart Island, Mason Bay?; 1949–1959?).

Sepia sp.



AWMM MA124201 (Auckland, Whatipu, west of Ninepin Rock; H.R. Grenfell & W.M. Blom col., 21/x/2017).



AWMM MA126093 (Auckland, Muriwai Beach).



AWMM MA126094 (Auckland, Muriwai Beach; A.W.B. Powell col. 07/xi/1920).



CM M5554 (Canterbury, New Brighton; 11/vi/1892).



GNS HS4205 (Bay of Plenty, Tauranga; ex H. Suter colln.).



NMNZ M.009831 (Stewart Island, Easy Harbour; R.K. Dell col. 21/v/1956).



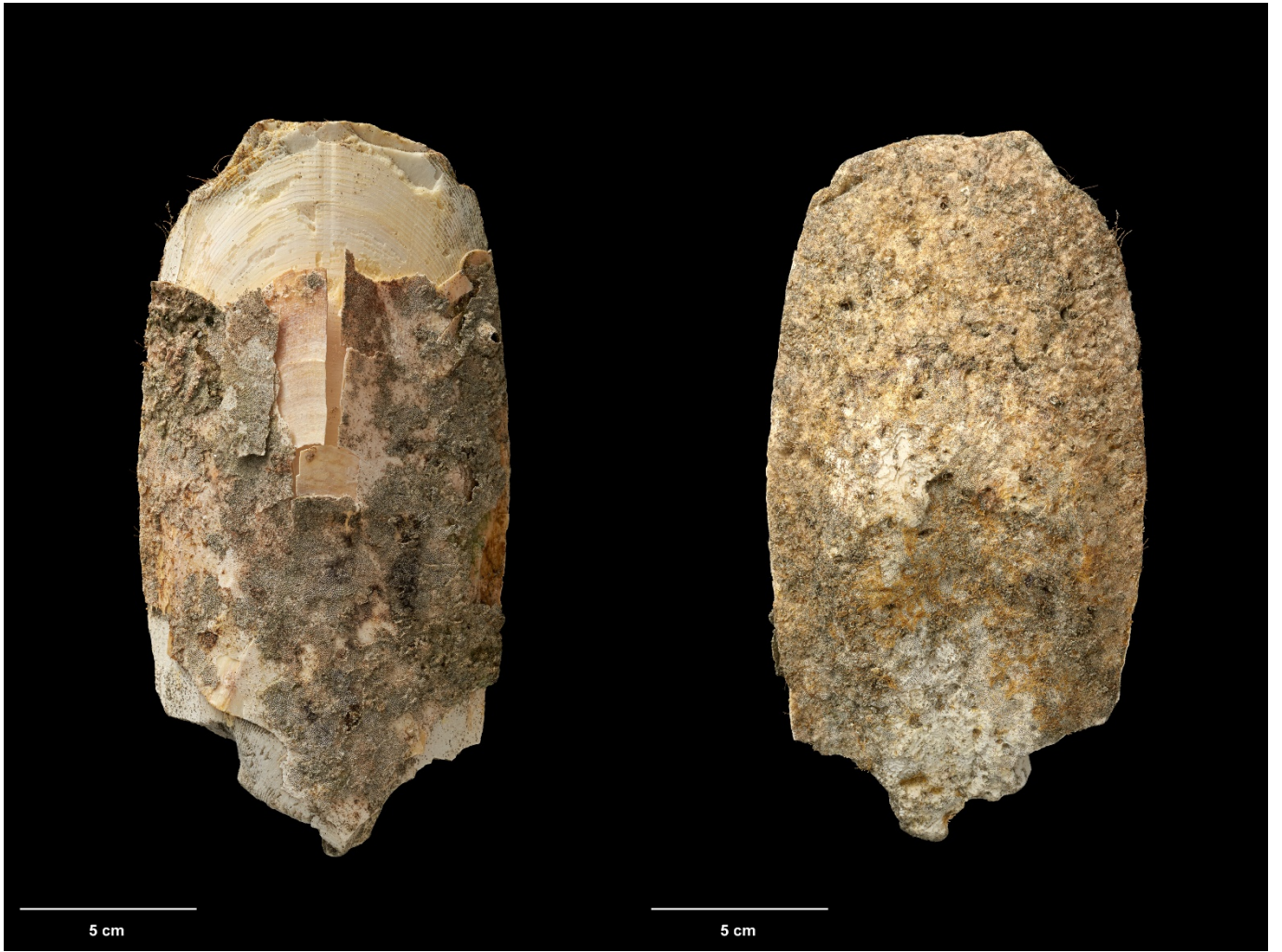
NMNZ M.011229 (Northland, Spirits Bay; W.R.B. Oliver col. 26/xi/1916; ex Oliver colln.).



NMNZ M.018735 (Wellington, Waikanae Beach, north of Waimeha Stream; 1955; ex Ponder colln.).



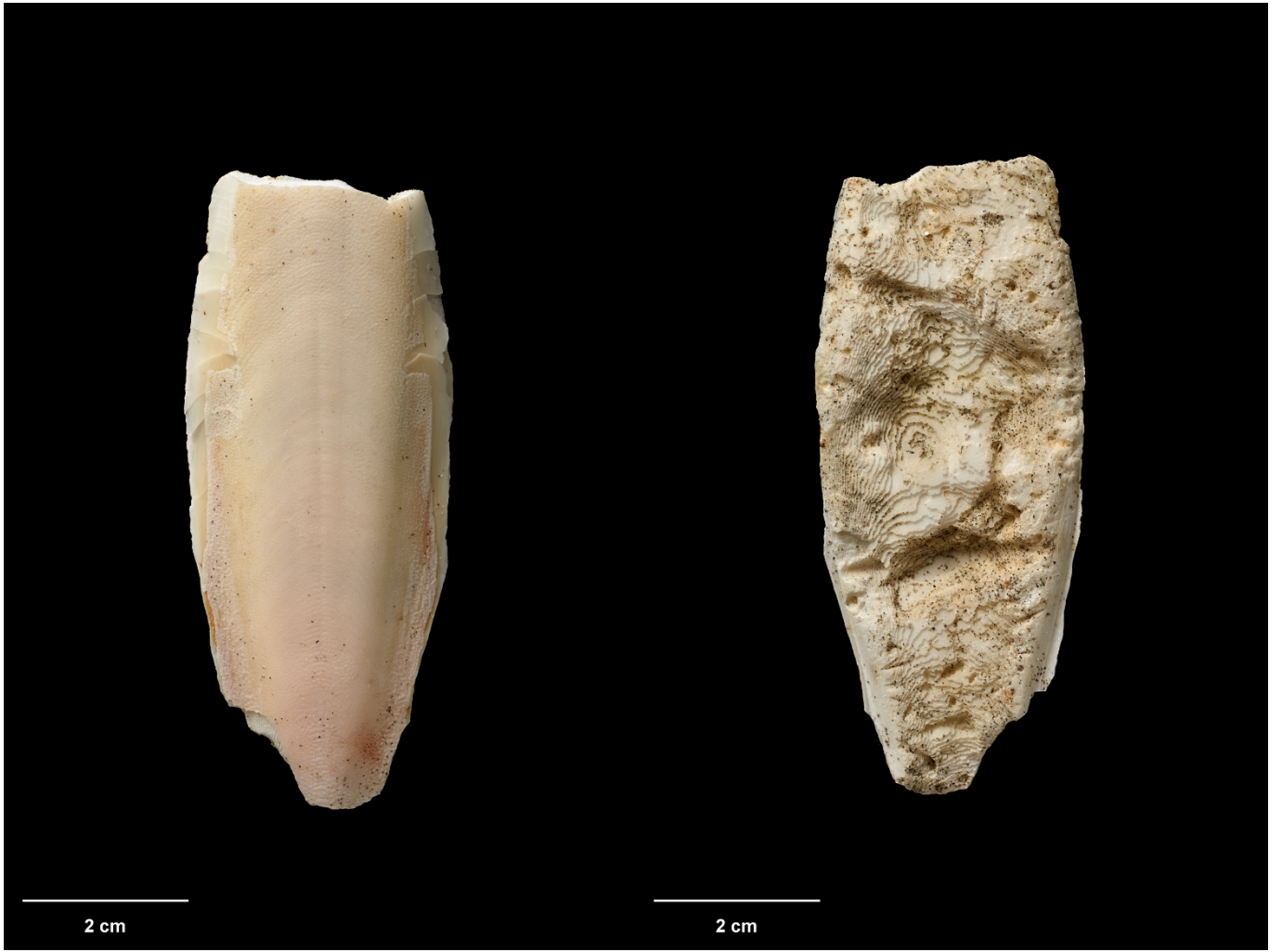
NMNZ M.330086 (Wellington, Waikanae Beach; A.J.D. Tennyson col. 21/xii/2019).



NMNZ M.330088 (Wellington, Waikanae Beach; A.J.D. Tennyson col. 03/x/2019).



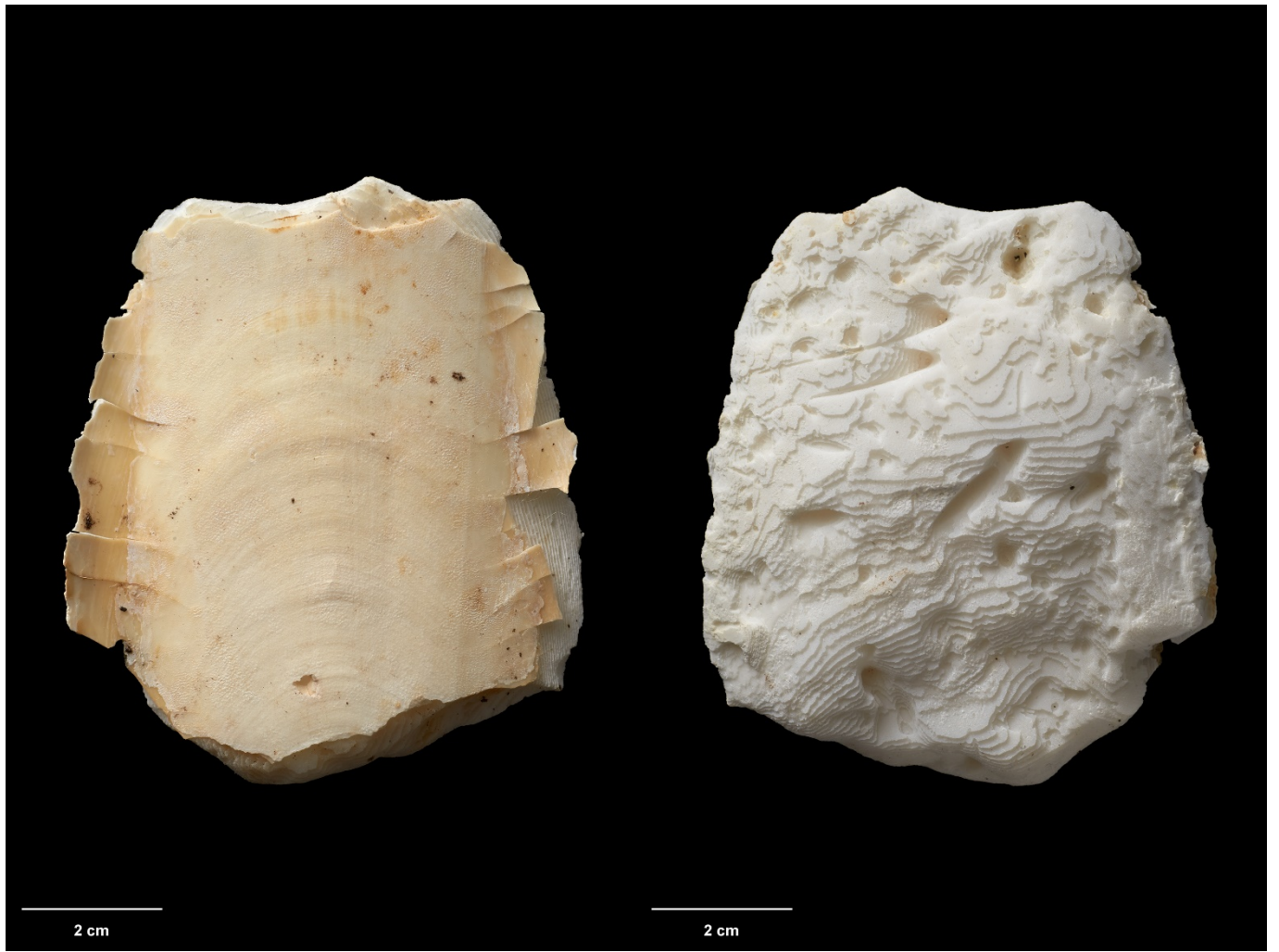
NMNZ M.330089 (Wellington, Peka Peka Beach, 40°48.42'S 175°4.33'E; A.J.D. Tennyson col. 11/v/2020).



NMNZ M.330091 (Wellington, Waikanae Beach; A.J.D. Tennyson col. 15/ix/2019).



NMNZ M.330092 (Wellington, Te Horo Beach, 40°46.78'S 175°5.37'E; A.J.D. Tennyson col. 13/v/2020).



NMNZ M.330094 (Wellington, Pukerua Bay, 41°1.78'S 174°52.43'E; A.J.D. Tennyson col. 01/vi/2020).



NMNZ M.330095 (Waikato, Raglan; A. Hamilton col. i/1912).



NMNZ M.330096 (Kermadec Islands, Raoul Island, Denham Bay; E.B. Davidson col. viii/1937).



NMNZ M.330099 (Wellington, Pukerua Bay, 41°1.80'S 174°52.78'E; A.J.D. Tennyson col. 01/vi/2020).



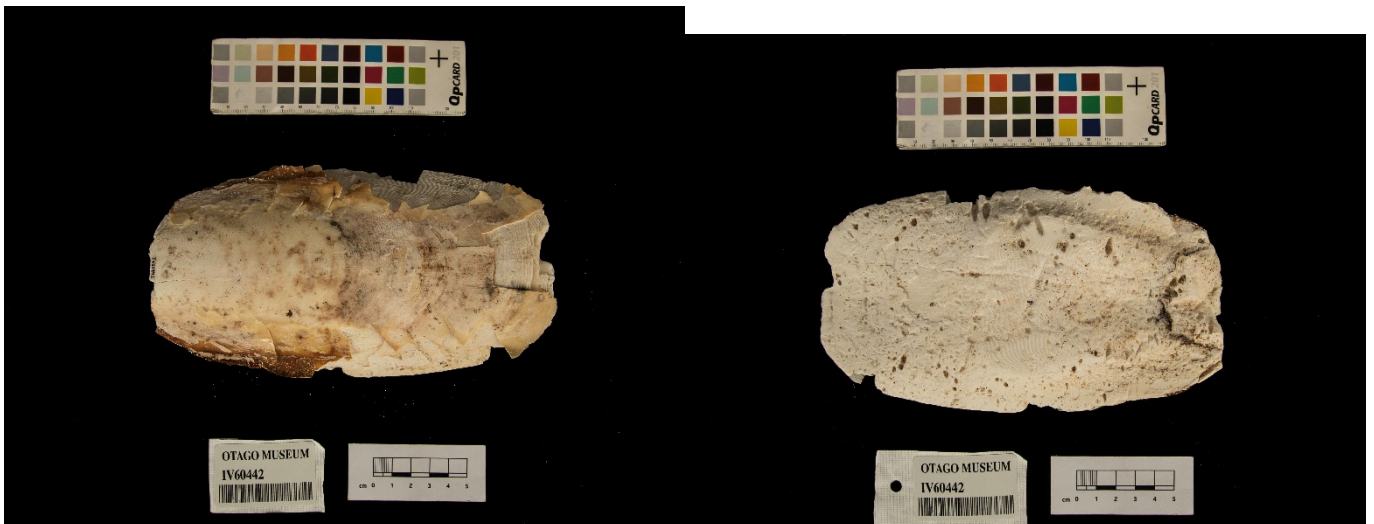
NMNZ M.330269 (Wellington, Waikanae Beach; A.J.D. Tennyson col. 18/viii/2019).



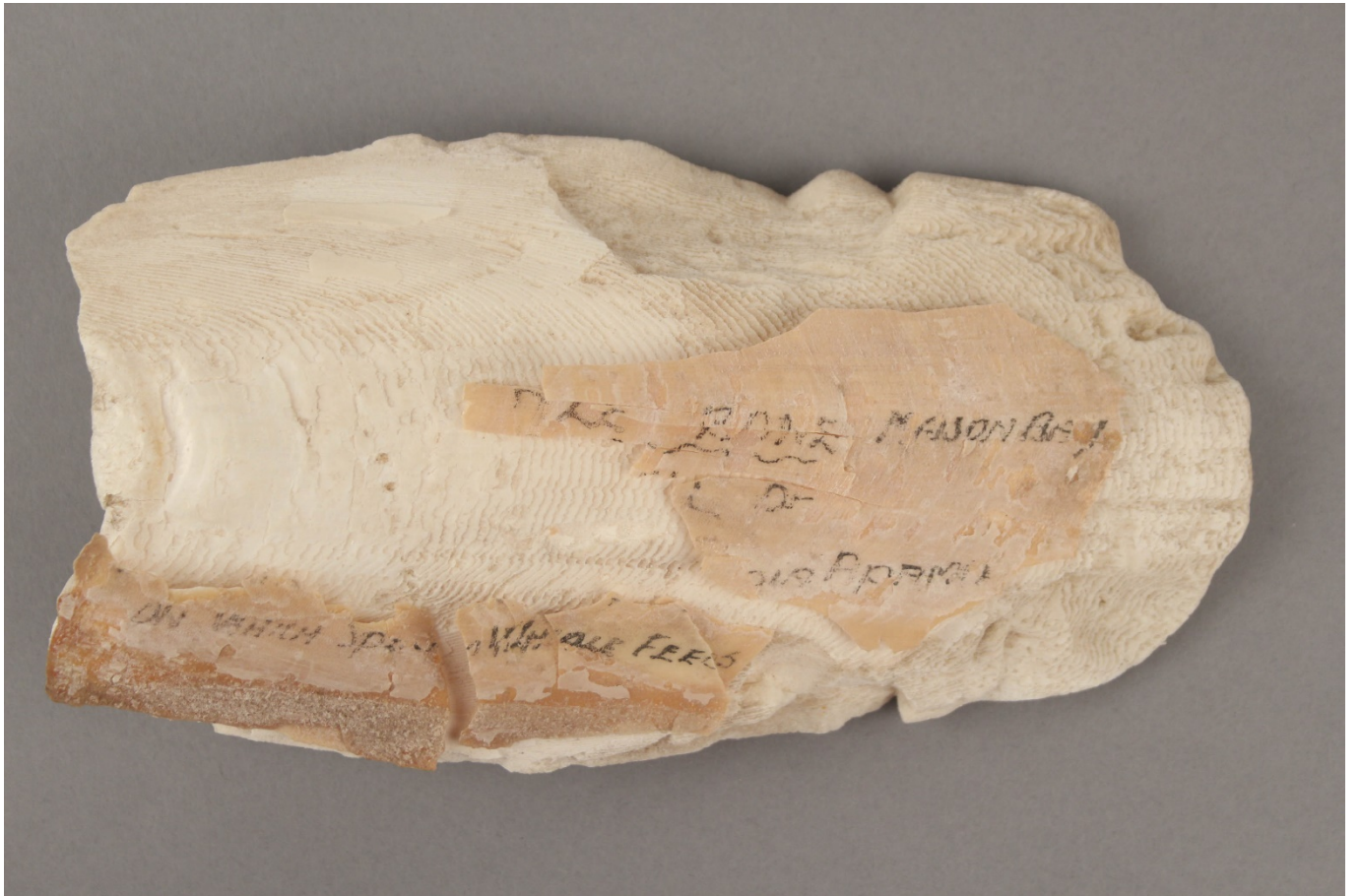
NMNZ M.330270 (Wellington, Waikanae Beach, 40°51.87'S 175°1.03'E; A.J.D. Tennyson col. 11/x/2018).



NMNZ M.330638 (Wellington, Waikanae River estuary, 40°52.60'S 175°0.031E; A.J.D. Tennyson & S.G. Tennyson col. 01/x/2020).



OM IV60442 (Southland, Riverton Beach; 2019).



SMAG 8358 (Stewart Island, Mason Bay; 1949–1959?).



SMAG 8359 (Stewart Island, Mason Bay?; 1949–1959?).



SMAG 8361 (Stewart Island, Mason Bay?; 1949–1959?).



SMAG 8362 (no data).



SMAG 8363 (no data).



SMAG 8364 (no data).

COMPARATIVE MATERIAL FROM AUSTRALIA

Sepia apama Gray, 1849



Specimen from the Australian Museum (AM C.474141).



Specimen from the Australian Museum (AM no nr.).

Sepia grahami A. Reid, 2001



Specimen from the Australian Museum (AM C.306769, paratype), 72.9 mm long.

Sepia latimanus Quoy & Gaimard, 1832



Specimen from the Australian Museum (AM no nr.).