Fig. 1 Three-dimensional reconstructions of *Pluscula cuica* microanatomy

Click to activate interactive 3D model in the pdf version of this article (requires Adobe Reader 7.0 or higher). Use mouse to rotate model, shift model (hold ctrl) or zoom (use mouse wheel). Switch between prefabricated views, or select components in the model tree and change visualization (e.g. transparency, lighting, render modes, or crop).
A – External aspect of body showing body openings, right view, A’ – Dorsal view of body with the dorsum above body cavity and head shown transparent, showing inner organ systems, arrowheads: short nerves innervating Hancock’s organs, asterisk: anterior end of seminal groove; B – Live specimen, ca. 2 mm total length, dorsal view, C – Anterior left view of the central nervous system, pedal nerves omitted, double asterisk: large cell next to statocyst, D – Posterior part of reproductive system, dorsolateral right view, white asterisk: branching point of gonoduct to female glands and ampulla; E – Copulatory apparatus, ventral view, anterior towards left, F – Oblique right view of digestive system, salivary glands omitted, double white asterisks: positions of salivary duct openings and small glandular field inside pharyngeal lumen, G – Oblique dorsolateral right view of pericardial complex and surrounding organs.

Abbreviations: am, ampulla; an, anus; ao, aorta; au, auricle; bc, bursa copulatrix; bcm, buccal commissure; bg, buccal ganglion; bs, bursa stalk; cbc, cerebro-buccal commissure; ccm, cerebral commissure; cns, central nervous system; cpg, cerebropleural ganglion; cop, copulatory apparatus; cr, putative crop; dg, digestive gland; dgl, lumen of digestive gland; eg, egg; es, esophagus; fg1-fg4, nidamental glands (proximal to distal); fgl, lumen of nidamental glands; gd, gonoduct; gof, female genital opening; gom, male genital opening; ho, Hancock’s organs; it, intestine; kd, kidney; ln, labiotentacular nerve; lng, accessory labiotentacular ganglia; lpag, left parietal ganglion; mo, mouth opening; mu, muscular tube; ncc, nervus clypei-capitis; np, nephropore; oc, oocyte; of, ovarian follicles; ogl, oral glands; om, odontophore musculature; orn, oral nerve; osg, osphradial ganglion; osp, osphradium; ot, oral tube; pc, pericardium; pe, penis; pg, pedal ganglion; ph, pharynx; pr, prostate; r, distal part of radula; r’, origin of radula; rhga/rhgp, anterior/posterior accessory rhinophoral ganglion; rhn, rhinophoral nerve; rpd, renopericardial duct; sg, seminal groove; sgl, salivary gland; shd, shell dimple; shr, shell remnant; st, statocyst; subg + vg, combined subintestinal and visceral ganglion; supg+rpag, combined supraintestinal and right parietal ganglion; ve, ventricle; vn, visceral nerve; ygd, duct of yellow gland; ygl, yellow gland; ygp, opening of yellow gland

Scale bars: A, A’, D, F, 250 µm; C,E,G, 100 µm