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SMITHSONIAN MISCELL.  
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DIAGNOSES  
OF  
NEW FORMS OF MOLLUSCA  
FROM  
THE WEST COAST OF NORTH AMERICA,  
FIRST COLLECTED BY COL. E. JEWETT.  
BY  
PHILIP P. CARPENTER, B.A., PH.D.

account of Col. Jewett's shells will be found in the British Association Reports for 1856 (pp. 226-231) and 1863 (pp. 534-535). The exact localities are often uncertain; but many of them have been fixed by subsequent explorers. Being generally beach-specimens, the diagnoses have been written (where practicable) from perfect shells, and especially from the beautiful series dredged by Dr. J. G. Cooper, in the Californian Survey. The types belong to Mrs. Boyce, of Utica, N. Y., and are at present in my keeping. The numbers, in the species of the temperate fauna, refer to the table in the British Association Report for 1863, pp. 636-664.

37 b. *Solen* (? *sicarius*, var.) *rosaceus*.  
Testa *S. sicario* simili, sed minore; multo angustiore, elongata, externa, extus et intus rosacea; epidermide tenui, valde nitente.  
Long. .27, lat. .5, alt. .32 poll.  
Hab. Sta. Barbara (*Jewett*); S. Pedro (*Cooper*).

74. Subgenus AMIANTIS\*.  
*Callista*: dente postico utraque valva ruguloso.  
Type: *Amiantis callosa*, = *Cytherea callosa*, Conr., = *Dosinia*

\* Th. ἀμίαντος, ὁ καὶ ἡ, unpolluted.

excurvatis, suturis parum distinctis; testa adolescente costis radi-  
antibus circ. x., subobsoletis, elongatis, arcuatis, sinum versus in-  
terruptis, postice nodosis; anfr. ult. sculptura nulla; apertura  
elongata; canali brevi, aperto; columella recta; labio tenui;  
labro acuto, suturam versus sinuato, sinu parvo, expanso; operculo  
normali. Long. 1.1, long. spir. .65, lat. .36, div. 27°.

*Hab.* Sta. Barbara (Jewett); S. Pedro (Cooper).

### 386. *Mitromorpha filosa*.

*M.* testa parva, solidiore, atro-purpurea, subconiformi, antice et pos-  
tice subæqualiter tereti; anfr. nucl. ii., albis, lævibus, apice  
mamillato; norm. iv., planatis, suturis haud distinctis; omnino  
æqualiter spiraliter lirulata; lirulis acutioribus, in spira iv., anfr.  
ult. circ. xx., interstitiis majoribus; apertura lineata; labro parum  
inflexo, rotundato, postice vix sinuato, intus circ. xii.-dentato;  
labio inconspicuo; columella arcuatim truncata. Long. .26,  
long. spir. .1, lat. .12, div. 45°.

*Hab.* Sta. Barbara (Jewett); Lower California (teste Trick, in  
Mus. Cuming.).

=? *Daphnella filosa*, Brit. Assoc. Rep. 1863, p. 658, note f.

Mr. A. Adams obtained two similar species from Japan; and  
as the shells do not rank satisfactorily under any established  
group, he proposes the above genus for their reception. M. Crosse  
suggests that *Columbella dormitor*, Sby., may be congeneric.

### *Mangelia variegata*.

*M.* testa valde attenuata, tenui, parva, pallide carnea, rufo-fusco  
normaliter bizonata, interdum unizonata, seu zonis interruptis;  
vertice nucleoso conspicuo, anfr. uno et limidio, apice mamillato;  
anfr. norm. vi., subrotundatis, suturis valde impressis; costis  
radiantibus ix., angustis; costulis spiralibus crebris, validioribus,  
in spira circ. x., costas superantibus; apertura valde elongata;  
canali brevi, aperto; labro tenui, juxta suturam conspicue arcuato;  
labio tenui. Long. .31, long. spir. .17, lat. .1 poll., div. 22°.

Variat costis crebrioribus, sculptura minus expressa.

*Hab.* Sta. Barbara (Jewett).

### *Mangelia* (? *variegata*, var.) *nitens*.

*M.* testa *M. variegatae* simili, sed nitentiore, fascia alba et altera  
rufo-fusca attingente spiram ascendentibus. Long. .25, long.  
spir. .15, lat. .08, div. 20°.

*Hab.* Sta. Barbara (Jewett), rare.

### *Mangelia angulata*.

*M.* testa parva, rufo-purpurea, vix gracili, epidermide tenui fugaci;  
anfr. nucl. iii., helicoidis, primum lævibus, dein cancellatis, apice

mamillato; anfr. norm. iv., convexis, suturis impressis, in medio  
spiræ obtusangulatis; costis radiantibus circ. xii., acutioribus; cos-  
tula spirali circa angulum, inter costas subobsoleta; tota superficie  
tenuiter spiraliter crebrisulcata, sulculis sub lente sæpius bifidis;  
apertura pyriformi, canali longiore, recto, aperto; labro acuto,  
postice conspicue sinuato; columella haud contorta; labro obso-  
lato. Long. .35, long. spir. .18, lat. .13, div. 30°.

*Hab.* Sta. Barbara (Jewett).

### *Myurella simplex*.

*M.* testa rufo-cinerea, minore, minus tereti, epidermide tenui;  
anfr. xii., planatis; fascia suturali valida, nodosa, tuberculis ovali-  
bus crebris validioribus (anfr. penult. circa xv.) ornata; testa  
adolescente costulis radiantibus, postea evanescentibus; striolis  
antice et postice spiralibus, circa peripheriam sæpe obsoletis;  
basi rotundata; canali brevissimo, alte emarginato; carina supra  
canalem acuta, columellam plicante; labro acuto, vix undato.  
Long. 1.03, long. spir. .76, lat. .27, div. 20°.

Variat tuberculis subobsoletis.

*Hab.* Sta. Barbara (Jewett); S. Pedro (Cooper).

### *Odostomia inflata*.

*O.* testa majore, tenui, pallide cinerea, epidermide cinerea induta;  
anfr. nucl. subito immerso; anfr. norm. iv., rapidissime augenti-  
bus, subplanatis, suturis impressis; tota superficie minutissime et  
confertissime spiraliter striolata; umbilico nullo; basi et apertura  
valde elongatis; labro acuto; labio tenuissimo; plica acuta, trans-  
versa, parietem attingente; columella valde arcuata, antice effusa.  
Long. .26, long. spir. .09, lat. .14, div. 60°.

Variat spira elatiore. Long. .24, long. spir. .11, lat. .13, div. 45°.

Variat quoque striolis subobsoletis.

*Hab.* Sta. Barbara (Jewett); Farralcone Islands, in cavities, on  
*Chiotis* (teste R. D. Darbishire); near San Francisco (Rowell);  
Cah Bay (Swan).

### *Chemnitzia crebrifilata*.

*C.* testa satis tereti, subalbida, haud regulari; anfr. nucl. ii., heli-  
coideis, decliviter sitis, margines spiræ parum excurvatos paullum  
superantibus; norm. viii., quorum primi subrotundati, ultimi vix  
planati; suturis valde distinctis; cost. rad. circ. xxiv., subrectis,  
acutioribus, angustis, interdum attingentibus, anfr. ultimo cre-  
brioribus minus expressis, circa basim prolongatam haud subito  
evanescentibus; lirulis spiralibus, in spira circ. viii., rotundatis,  
expressis, anfr. ult. supra costas subnodulosis, circa basim crebri-  
oribus; peritremate continuo; columella vix torta, haud plicata;  
labio distincto. Long. .22, long. spir. .17, lat. .07, div. 18°.

*Hab.* Sta. Barbara, 1 specimen (Jewett).

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