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Biological notes on *Tachypleus tridentatus* (Leach, 1819) in Hiroshima Prefecture, Japan: two species of epibiotic organisms found on adults, and the carcass of a juvenile presumably eaten by a bird

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Abstract

On August 5, 2016, two epibiotic species, the turbellarian *Ectoplana limuli* (Ijima & Kaburaki, 1916) and the goose barnacles *Octolasmis neptuni* (MacDonald, 1869), were found on two adults of the Japanese horseshoe crab *Tachypleus tridentatus* (Leach, 1819) in Hiroshima Prefecture. On September 20, 2017, the carcass of a juvenile horseshoe crab was found, which had presumably been eaten by a bird.

Key words: *Ectoplana limuli*, Carcass, Hiroshima Prefecture, *Octolasmis neptuni*, *Tachypleus tridentatus*

Tachypleus tridentatus Leach, 18

1999 20

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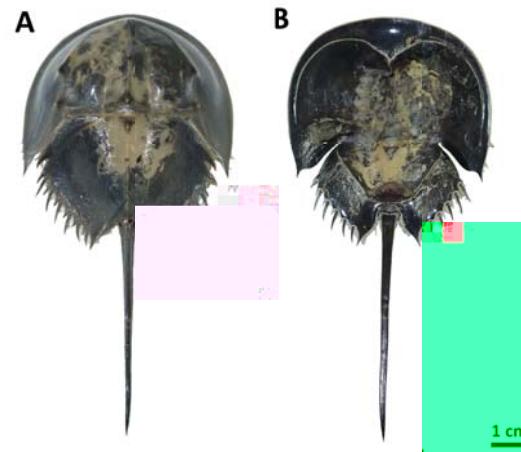
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Voris & Jeffries 1

				<i>Myomenippe hardwickii</i> (Gray, 1831)
Kawakatsu & Sekiguchi, 1988				<i>Podophthalmus vigil</i> (Fabricius, 1798)
			1758	<i>Portunus pelagicus</i> (Linnaeus,
				<i>Portunus trituberculatus</i> (Miers, 1876)
				<i>Ovalipes punctatus</i> (De Haan, 1833)
2009	2012	2014		<i>Thalamita crenata</i> Rüppell,
			1830	1 <i>Scylla tranquebarica</i>
		2017		(Fabricius, 1798), <i>Panulirus</i>
				<i>stimpsoni</i> Holthuis, 1963 <i>Thenus</i>
				<i>orientalis</i> (Lund, 1793)
				Kumaravel et al., 2009; Jones & Hosie, 2016
				2013
			7 18 19	
		2015		
	2012	,		2013
				<i>Tachypleus gigas</i>
(Muller, 1785)				
<i>Carcinoscorpius rotundicauda</i> (Latreille, 1802)		2017	9 20	
<i>Ectoplana undata</i> Sluys, 1983			2A	56.7 mm
				1984
				<i>Kawakatsu &</i>
				8
Sekiguchi, 1988				
				2B
				2 2015

L			
	16.1		
		<i>Octolasmis</i>	
<i>neptuni</i> (MacDonald, 1869)		Voris &	
Jeffries, 1997; Jeffries et al., 2005; Chan et al., 2009;			
1C			
	96		
1D			
$2.5 \pm 0.8 \text{ mm}$ mean \pm SD		N = 96	
		<i>Charybdis</i>	
<i>japonica</i> (Milne-Edwards, 1861)			
<i>Charybdis natator</i> (Herbst, 1794)			
<i>Lauridromia dehaani</i> (Rathbun, 1923)		<i>Dromia</i>	
<i>dehaani</i> Rathbun, 1923		2 2017 9 20	



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Ectoplana limuli, Octolasmis neptuni.

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