

Cirrípeds de Catalunya (crustacis maxil·lopodes) - Jordi Corbera; Institució Catalana d'Història Natural - Juliol de 2023

Classe	Subclasse	Infraclasse	Taxonomia		Conservació	Observacions
			Família	Espècie		
Thecostraca	Cirripedia	Thoracica	Balanidae	<i>Acasta spongites</i> (Poli, 1791)	(13)	
Thecostraca	Cirripedia	Thoracica	Balanidae	<i>Amphibalanus amphitrite</i> (Darwin, 1854)	(1); (2); (3)	
Thecostraca	Cirripedia	Thoracica	Balanidae	<i>Amphibalanus improvisus</i> (Darwin, 1854)	(1)	
Thecostraca	Cirripedia	Thoracica	Balanidae	<i>Balanus trigonus</i> Darwin, 1854	(1); (2)	
Thecostraca	Cirripedia	Thoracica	Chelonibiidae	<i>Chelonibia testudinaria</i> (Linnaeus, 1758)	(9)	
Thecostraca	Cirripedia	Thoracica	Chthamalidae	<i>Chthamalus montagui</i> Southward, 1976	(7); (12)	
Thecostraca	Cirripedia	Thoracica	Chthamalidae	<i>Chthamalus stellatus</i> (Poli, 1791)	(7); (12)	
Thecostraca	Cirripedia	Rhizocephala	Peltogastridae	<i>Galatheascus striatus</i> Boschma, 1929		
Thecostraca	Cirripedia	Thoracica	Lepadidae	<i>Lepas anatifera</i> Linnaeus, 1758	(1); (10)	
Thecostraca	Cirripedia	Thoracica	Lepadidae	<i>Lepas hilli</i> Leach, 1818		
Thecostraca	Cirripedia	Thoracica	Lepadidae	<i>Lepas pectinata</i> Leach, 1818	(7); (8)	
Thecostraca	Cirripedia	Thoracica	Megabalanidae	<i>Megabalanus tulipiformis</i> (Ellis, 1758)		Citat fòssil al Pliocè de l'Empordà i recent a la Catalunya Nord
Thecostraca	Cirripedia	Thoracica	Chthamalidae	<i>Microeuraphia depressa</i> (Poli, 1791)	(7); (9)	
Thecostraca	Cirripedia	Thoracica	Balanidae	<i>Perforatus perforatus</i> (Bruguère, 1789)	(1); (7)	
Thecostraca	Cirripedia	Rhizocephala	Sacculinidae	<i>Sacculina carcini</i> Thompson, 1836	(4); (7); (11)	Inclou <i>S. gibbsi</i> i <i>S. benedeni</i> considerades sinonims a WORMS
Thecostraca	Cirripedia	Rhizocephala	Sacculinidae	<i>Sacculina gonoplaxae</i> Guérin-Ganivet, 1911		
Thecostraca	Cirripedia	Rhizocephala	Sacculinidae	<i>Sacculina zariquieyi</i> Boschma, 1947		
Thecostraca	Cirripedia	Thoracica	Scalpellidae	<i>Scalpellum scalpellum</i> (Linnaeus, 1767)	(7); (8)	
Thecostraca	Cirripedia	Rhizocephala	Peltogastridae	<i>Tortugaster boschmai</i> (Brinkmann, 1936)		
Thecostraca	Cirripedia	Acrothoracica	Trypetesidae	<i>Trypetesa lampas</i> Hancock, 1849	(6)	
Thecostraca	Cirripedia	Thoracica	Verrucidae	<i>Verruca spengleri</i> Darwin 1854		
Thecostraca	Cirripedia	Thoracica	Coronulidae	<i>Xenobalanus globicipitis</i> Streenstrup, 1851	(5); (9)	

(1) Ashton, G. V.; Davidson, I. C.; Geller, J.; Ruiz, G. M. 2016. «Disentangling the biogeography of ship biofouling: barnacles in the Northeast Pacific». *Global Ecology and Biogeography*, vol. 25, núm. 6, p. 739-750. <<https://doi.org/10.1111/geb.12450>>.

(2) Chen, H.-N.; Høeg, J. T.; Chan, B. K. K. 2013. «Morphometric and molecular identification of individual barnacle cyprids from wild plankton: an approach to detecting fouling and invasive barnacle species». *Biofouling*, vol. 29, núm. 2, p. 133-145. <<https://doi.org/10.1080/08927014.2012.753061>>.

(3) Chen, H.-N.; Tsang, L. M.; Chong, V. C.; Chan, B. K. K. 2014. «Worldwide genetic differentiation in the common fouling barnacle, *Amphibalanus amphitrite*». *Biofouling*, vol. 30, núm. 9, p. 1067-1078. <<https://doi.org/10.1080/08927014.2014.967232>>.

(4) Gurney, R. H.; Grewe, P. M.; Thresher, R. E. 2006. «Mitochondrial DNA haplotype variation in the parasitic cirripede *Sacculina carcini* observed in the cytochrome oxidase gene (COI)». *Journal of Crustacean Biology*, vol. 26, núm. 3, p. 326-330. <<https://doi.org/10.1651/S-2655.1>>.

(5) Hayashi, R.; Chan, B. K. K.; Simon-Blecher, N.; Watanabe, H.; Guy-Haim, T.; Yonezawa, T.; Levy, Y.; Shuto, T.; Achituv, Y. 2013. «Phylogenetic position and evolutionary history of the turtle and whale barnacles (Cirripedia: Balanomorpha: Coronuloidea)». *Molecular Phylogenetics and Evolution*, vol. 67, núm. 1, p. 9-14. <<https://doi.org/10.1016/j.ympev.2012.12.018>>.

(6) Lin, H.-C.; Kobasov, G. A.; Chan, B. K. K. 2016. «Phylogenetic relationships of Darwin's "Mr. Arthrobalanus": The burrowing barnacles (Cirripedia: Acrothoracica)». *Molecular Phylogenetics and Evolution*, vol. 100, p. 292-302. <<https://doi.org/10.1016/j.ympev.2016.03.016>>.

(7) Pérez-Losada, M.; Høeg, J. T.; Crandall, K. A. 2004. «Unraveling the Evolutionary Radiation of the Thoracican Barnacles Using Molecular and Morphological Evidence: A Comparison of Several Divergence Time Estimation Approaches». *Systematic Biology*, vol. 53, núm. 2, p. 244-264. <<https://doi.org/10.1080/10635150490423458>>.

(8) Pérez-Losada, M.; Harp, M.; Høeg, J. T.; Achituv, Y.; Jones, D.; Watanabe, H.; Crandall, K. A. 2008. «The tempo and mode of barnacle evolution». *Molecular Phylogenetics and Evolution*, vol. 46, núm. 1, p. 328-346. <<https://doi.org/10.1016/j.ympev.2007.10.004>>.

- (9) Pérez-Losada, M.; Høeg, J. T.; Simon-Blecher, N.; Achituv, Y.; Jones, D.; Crandall, K. A. 2014. «Molecular phylogeny, systematics and morphological evolution of the acorn barnacles (Thoracica: Sessilia: Balanomorpha)». *Molecular Phylogenetics and Evolution* , vol. 81, p. 147-158. <<https://doi.org/10.1016/j.ympev.2014.09.013>>.
- (10) Rech, S.; Borrell Pichs, Y. J.; García-Vazquez, E. 2018. «Anthropogenic marine litter composition in coastal areas may be a predictor of potentially invasive rafting fauna». *PLOS ONE* , vol. 13, núm. 1, art. e0191859. <<https://doi.org/10.1371/journal.pone.0191859>>.
- (11) Rees, D.; Glenner, H. 2014. «Control region sequences indicate that multiple externae represent multiple infections by *Sacculina carcini* (Cirripedia: Rhizocephala)». *Ecology and Evolution* , vol. 4, núm. 16, p. 3.290-3.297. <<https://doi.org/10.1002/ece3.1177>>.
- (12) Wares, J. P.; Pankey, M. S.; Pitombo, F.; Daglio, L. G.; Achituv, Y. 2009. «A “Shallow Phylogeny” of Shallow Barnacles (Chthamalus)». *PLOS ONE* , vol. 4, núm. 5, art. e5567. <<https://doi.org/10.1371/journal.pone.0005567>>.
- (13) Yu, M.-C.; Dreyer, N.; Kolbasov, G. A.; Høeg, J. T.; Chan, B. K. K. 2020. «Sponge symbiosis is facilitated by adaptive evolution of larval sensory and attachment structures in barnacles». *Proceedings of the Royal Society B: Biological Sciences* , vol. 287, núm. 1927, art. 20200300. <<https://doi.org/10.1098/rspb.2020.0300>>.