

# Type specimens from the Zariquiey decapod crustacean collection

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The Zariquiey decapod crustacean collection, located at the Institute of Marine Sciences of Barcelona (ICM-CSIC), is one of the most important repositories of this zoological group in the Mediterranean, and is masterfully reflected in the work "Crustáceos Decápodos Ibéricos" (Zariquiey Álvarez, 1968). The collection is currently composed of more than twenty thousand catalogued specimens, and is completely accessible through GBIF (Global Biodiversity Information Facility). One of its most important contents is the set of type specimens, composed of 12 species with a total of 490 type specimens, all of them belonging to the Mediterranean area. This work is presented with the objective of complying with the International Code of Zoological Nomenclature, which recommends that every Institution in which name-bearing types are deposited should publish lists of name-bearing types in its possession or custody. All information available on these specimens is provided; their original and current taxonomic status, with their respective published sources, and all information retrieved from the original tags that accompany the samples is presented in the collection, as well as all the references that examine the changes produced in the taxa. Some charismatic species described by Zariquiey Álvarez include *Portunus bolivari* Zariquiey Álvarez, 1948 (Fig.1), *Munida iris rutllanti* Zariquiey Álvarez, 1952 (Fig.2) and *Brachynotus foresti* Zariquiey Álvarez, 1968 (Fig. 3).



Fig.1 *Portunus bolivari* Zariquiey Álvarez, 1948



Fig.2 *Munida iris rutllanti* Zariquiey Álvarez, 1952

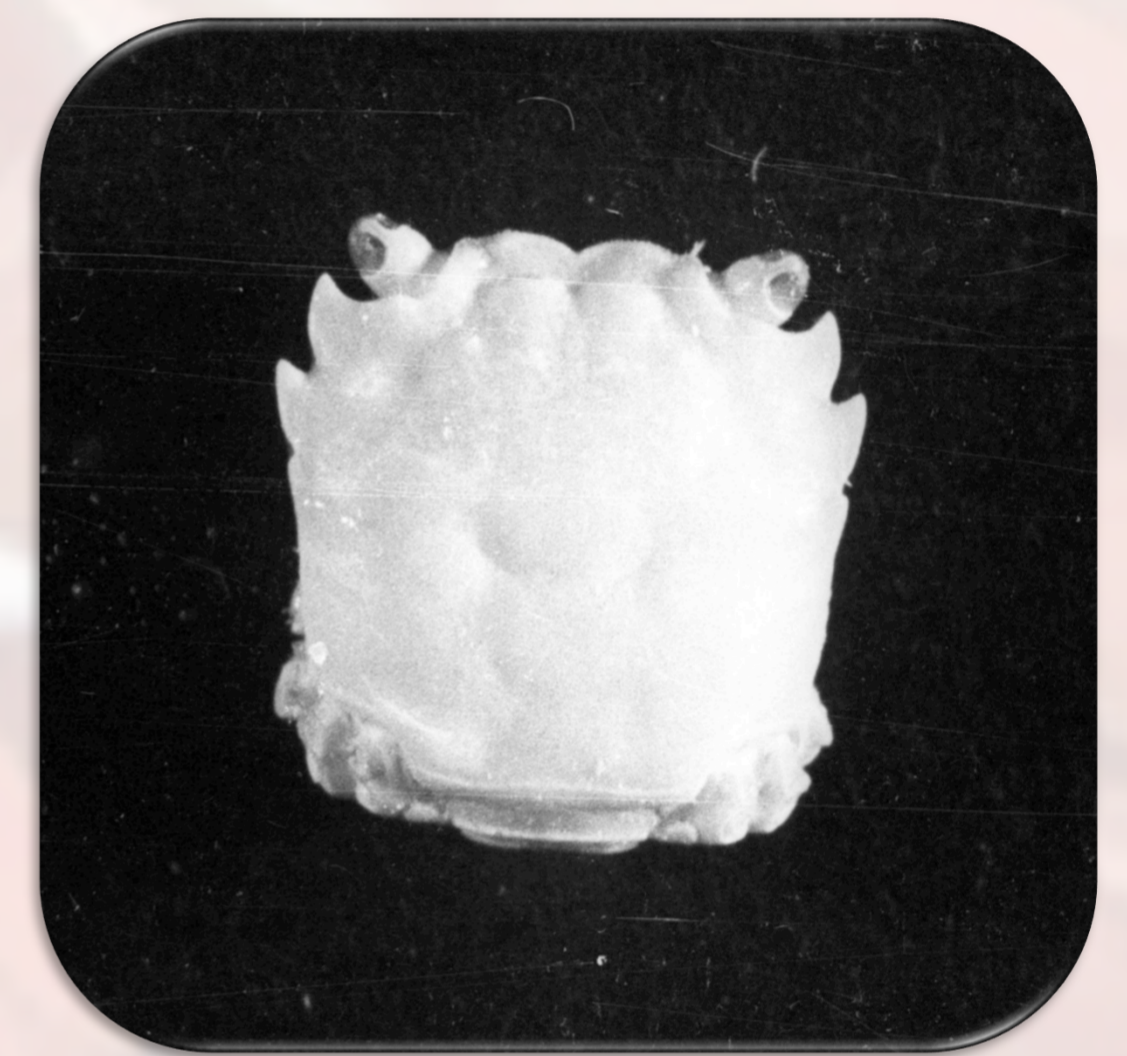


Fig.3 *Brachynotus foresti* Zariquiey Álvarez, 1968  
Original photography by R. Zariquiey Álvarez

Table 1 shows all the type species present in the Zariquiey collection, which comprises a total of 490 specimens of the Mediterranean basin. So far, the Zariquiey Collection contains a total of 19103 catalogued specimens belonging to 67 families and 318 species. Work is in process to document the rest of specimens present (around 6000 more).

Original name	Current name	Number of specimens	Typology	Capture date	Legacy	Location
<i>Brachynotus foresti</i> Zariquiey Álvarez, 1968	<i>Brachynotus foresti</i> Zariquiey Álvarez, 1968	140	Syntype	1934-07-31	Ricardo Zariquiey Cenarro	Arenys de Mar
<i>Dardanus arrosor divergens</i> Zariquiey, 1952	<i>Dardanus arrosor</i> (Herbst, 1796)	1	Holotype	1946	Rutllant	Melilla
<i>Galathea bolivari</i> Zariquiey Álvarez, 1950	<i>Galathea bolivari</i> Zariquiey Álvarez, 1950	61	Holotype Allotype Paratype	1950-09	Ricardo Zariquiey Álvarez	Cadaqués
<i>Galathea cenarroi</i> Zariquiey Álvarez, 1968	<i>Galathea cenarroi</i> Zariquiey Álvarez, 1968	2	Lectotype Paralectotipe	1959-05-03	Ricardo Zariquiey Álvarez	Cadaqués
<i>Hippolyte holthuisi</i> Zariquiey Álvarez, 1953	<i>Hippolyte holthuisi</i> Zariquiey Álvarez, 1953	88	Syntype	1948-1949-1950	Ricardo Zariquiey Álvarez	Cadaqués
<i>Munida iris rutllanti</i> Zariquiey Álvarez, 1952	<i>Munida rutllanti</i> Zariquiey Álvarez, 1952	5	Holotype Allotype Paratype	1946-2	Rutllant	Melilla
<i>Munida sarsi meridionalis</i> Zariquiey Álvarez, 1952	<i>Munida intermedia</i> A. Milne Edwards & Bouvier, 1899	14	Holotype Paratype	1949-1950	Ricardo Zariquiey Álvarez	Barcelona Roses
<i>Palaemon garciacidi</i> Zariquiey Álvarez, 1968	<i>Palaemon longirostris</i> H. Milne Edwards, 1837 [in H. Milne Edwards, 1834-1840]	40	Syntype	1949-1950	Teodoro Jiménez	Guadalquivir river, Sevilla
<i>Plesionika antigai</i> Zariquiey Álvarez, 1955	<i>Plesionika antigai</i> Zariquiey Álvarez, 1955	84	Syntype	1953-154	Ricardo Zariquiey Álvarez	Barcelona
<i>Portunus bolivari</i> Zariquiey Álvarez, 1948	<i>Liocarcinus bolivari</i> (Zariquiey Álvarez, 1948)	8	Holotype Allotype Paratype	1946-1947	Juan Fortuny Ricardo Zariquiey Álvarez	Cadaqués
<i>Processa acutirostris</i> Nouvel & Holthuis, 1957	<i>Processa acutirostris</i> Nouvel & Holthuis, 1957	44	Paratype	1934-1948	Ricardo Zariquiey Cenarro Ricardo Zariquiey Álvarez	Barcelona Cadaqués
<i>Sirpus zariquieyi</i> Gordon, 1953	<i>Sirpus zariquieyi</i> Gordon, 1953	3	Paratype	1947	Ricardo Zariquiey Álvarez	Cadaqués

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