





Zariquiey: A tribute to two great scientists and their legacies

Santos-Bethencourt, R. 1; Caballero-López, B. 2; Olivas, F.J.1; Masó, G.2; Lombarte, A.1; Uribe, F. 2; Abelló, P. 1

¹Institut de Ciències del Mar (ICM-CSIC), ²Nat-Museu de Ciències Naturals de Barcelona Contac: rsantos@icm.csic.es

1870 1897

Ricardo Zariquiey Cenarro and his son, Ricardo Zariquiey Álvarez, were paediatricians who devoted their free time to a shared passion, the study of deep hypogeal beetles (Coleoptera, Insecta) and decapods (Crustacea). This communication is a tribute to the scientific careers of these two eminent zoologists who bequeathed two important reference collections.

Ricardo Zariquiey Cenarro (RZC)

(Barcelona 1870 - Barcelona 1943)

1917 RZC became fascinated by biospeleology and cave-dwelling Coleoptera, in particular. 1917



Ricardo Zariquiey Álvarez (RZA)

(Barcelona 1897 – Barcelona 1965)



In 1920 RZA together with his father developed a profound knowledge of the hypogean coleopteran group of Leodidae: Bathyscinae of Spain. 1923-1950 RZA wrote more than 40 publications, including the description of 18 new taxa. He created the basis of one of the best collections of

hypogean Coleoptera fauna in Europe.

1929

1930-1943 RZC was vice-president of the *Institució Catalana* d'Història Natural

1929-1931 RZA becomes president of the *Institució Catalana d'Història* Natural

1934

1945

1934-1942 RZC became interested in decapod Crustacea. Between 1935 and 1942 he published papers and amassed an extensive decapod collection.

> In 1945, after his father's death, RZA continued his studies of Spanish decapod fauna achieving the description of a total of 10 new species. He contributed to the creation in the 1950s of the group of carcinologists composed by Dr. Isabella Gordon, Dr. Theodore Monod, Dr. Jacques Forest and Dr. Lipke B. Holthuis. In 1953 Dr. I. Gordon named the new genus and species, Sirpus zariquieyi, collected in Cadaqués, as an acknowledgement to the work of RZA and his father.



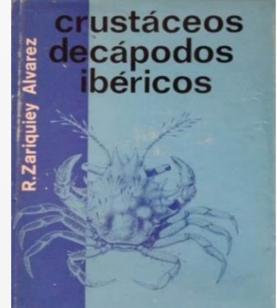
Both Zariquiey amassed one of the best collections of hypogean Coleoptera and Mediterranean Decapoda.





Around 1960 RZA donated his collection to the Institute of Marine Sciences in Barcelona, which contained more than 20,000 specimens and 470 type specimens.

> In 1960 RZA donated his collection of hypogean Coleoptera to the Natural Sciences Museum of Barcelona, which contained more than 10,125 specimens with 48 type specimens, representing 12 new taxa described by RZA.



In 1968 a posthumous work of RZA, "Crustáceos Decápodos Ibéricos" was published, which is still currently in wide use.



1968

References: Camarasa, J. M., 2000. Cent anys de passió per la natura : una història de la Institució Catalana d'Història Natural, 1899-1999. Memòria, 14, ICHN. Holthuis, L. B., 1965. Dr. Ricardo Zariquiey Alvarez, 3 january 1897-27 January 1965. In: CRUSTACEANA, International Journal of Crustacean Research, 9: 105 – 110 Pallisé, J., 2014. Un segle de recerques biospeleològiques a les muntanyes de Prades. VII Trobada (2014). Trobada de Col·Laboradors Francesc Español. Museu de Ciències Naturals de Barcelona. Barcelona