

STANDEN, V. 1999. Quantifying macroinvertebrate taxon richness and abundance in open and forested pool complexes in the Sutherland Flows. *Aquatic Conservation: Marine and Freshwater Ecosystems* 9 209-217.

THREE NEW SPANISH HYDROCHUS

Hydrochus tariqi lives in streams in the Cádiz area, and is most close to *H. nooreinus* van Berge Henegouwen & Sainz-Cantero. The authors predict that it will eventually be discovered in north Africa. *H. aljibensis* occurs in the Sierra del Aljibe, Málaga. It closely resembles *H. smaragdineus* Fairmaire. *H. ibericus* appears to be a sister species of *H. angusi* Valladares; it is recorded from the Spanish provinces of Soria, Murcia, Jaén, and Castellón.

CASTRO, A. & DELGADO, J.A. 1999. *Hydrochus aljibensis* sp. n., una nueva especie del sur del la Península Ibérica (Coleoptera, Hydrochidae). *Boln. Asoc. esp. Ent.* 23 (1-2) 25-28.

RIBERA, I., HERNANDO, C. & AGUILERA, P. 1999. *Hydrochus tariqi* sp.n. from south Spain (Coleoptera: Hydrochidae). *Koleopterologische Rundschau* 69 99-102.

VALLADARES, L.F., DIAZ, J.A. & DELGADO, J.A. 1999. *Hydrochus ibericus* sp.n. (Coleoptera: Hydrochidae) from the Iberian Peninsula. *Aquatic Insects* 21 (2) 81-87.

ANDALUCIAN EXPERIENCE

Eighteen sites were surveyed in the provinces of Málaga and Cádiz, producing convincing evidence of the extreme biodiversity of the springs, streams and rivers of Andalucía. The coverage excludes the Hydrophilidae. *Hydraena servilia* d'Orchymont, previously considered to be rare, was found to quite common in the area. Twelve species of *Hydraena* were found; one area of 400 square centimetres of gravel in the Río Guadalmejí yielded 397 specimens of *Hydraena* after 15 seconds stirring. The newly described *Hydrochus tariqi* Ribera, Hernando & Aguilera and *Ochthebius diazi* Jäch were found.

JÄCH, M.A., DIAZ, J.A. & GAYOSO, A. 1999. "Acciones Integradas": excursion to Andalucía (Spain; Málaga, Cádiz), October 19998 (Coleoptera: Hydroscaphidae, Haliplidae, Gyrinidae, Dytiscidae, Hydrochidae, Hydraenidae, Dryopidae, Elmidae). *Koleopterologische Rundschau* 69 171-181.

HYDROCHUS ALJIBENSIS CASTRO & DELGADO NEW FOR PORTUGAL, AND OTHER RECORDS OF INTEREST

by Garth N Foster & Ignacio Ribera

On 3 January 1995, on the highest part of the track from Sapeira to Silves, in the Algarve, GNF took six specimens of what has subsequently been described as *Hydrochus aljibensis*. Arno van Berge Henegouwen noted that the species was probably new to science but no-one had time to do anything about it so we were glad to see that the species has finally been described. The site was most distinct, a few minute puddles in a ditch on an exposed part of the terra rossa. IR took a further two male specimens in the river Caia at Portalegre, Alto Alentejo, on 25 July 1998.

In passing IR would like to indicate further records of *H. aljibensis* from the province of Cádiz in Spain: three males and one female in the river Aldovar at Facinas on 26 July 1998, two males in a stream at Puerto de Galis on 27 July 1998, many at Ventorillo de las Canillas in a tributary of the river Hozgarganta on the same day. It is interesting to note that it was accompanied by *H. "foveostriatus"* sensu J. Balfour-Browne at Facinas and Ventorillo, and by *H. tariqi* Ribera, Hernando & Aguilera at Facinas.

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NEW HYDROCHIDAE

The new genera are *Deepakius* from South Africa, *Amrishi* from Sri Lanka and *Rishwanus* from South America. The new species are *Deepakius amrishi* and *Hydrochus vidyai*. The names are in various combinations based on three sons and a niece. *H. albicans* Régimbart becomes the first member of *Deepakius*, *H. lacustris* Nietner the first for *Amrishi*, and *H. soesilae* Makhan the first for *Rishwanus*. The means of distinguishing the new genera from *Hydrochus* sensu stricto are presumably in their descriptions somewhere but I cannot detect any comparison with *Hydrochus*. There is obviously a dispute between Makhan and Adriana Oliva about the status of some South American species. We have here some taxonomic ping pong with five new synonyms being proposed, supported in some cases by reference to the male genitalia and setation of the last sternite of the male.

MAKHAN, D. 1998. Three new genera and two new species of Hydrochidae from different parts of the World (Coleoptera). *Annales historico-naturales Musei Nationalis Hungarici* 90 139-150.