Crayfish found to have substance on teeth similar to human enamel

A team of Israeli and German scientists from Ben-Gurion University of the Negev (BGU) and the Max Planck Institute of Colloids and Interfaces in Potsdam, Germany, have found an enamel-like layer in the mandibles of freshwater crayfish, according to an article in Nature Communications, “Enamel-like Apatite Crowns Covering Amorphous Mineral in a Crayfish Mandible.”

Dr. Shmuel Bentov from BGU’s Avram Goldstein Faculty of Biotechnology in the Negev, investigated with Dr. Barbara Aichmayer and her colleagues from the Max Planck Institute in Potsdam, Germany. The team is investigating the formation process of this material and its ramifications.

About American Associates, Ben-Gurion University of the Negev

American Associates, Ben-Gurion University of the Negev (AAGBU) helps sustain David Ben-Gurion’s vision of creating a world-class institution of education and research in the Israeli desert, nurturing the Negev community and sharing the University’s expertise locally and around the globe. With some 30,000 students on campuses in Beer-Sheva, Sede Boqer and Eilat in Israel’s southern desert, BGU is a university committed to the highest academic standards, community involvement and sustainable development of the Negev.

(Source: American Associates, Ben-Gurion University of the Negev)

A June 26 PBS Frontline documentary on dental care continues to generate discussion on access-to-affordable-care issues among patients and providers. Photo/PBS.org

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