



רמת הנדיב
Ramat Hanadiv
رمات هندیف



Ramat Hanadiv

Ramat Hanadiv is a privately owned park and memorial to the Baron Edmond (Benjamin) de Rothschild, operated for the benefit of the public by Yad Hanadiv – the Rothschild Foundation. The site covers approximately 450 hectares (1125 acres) of land perched on a plateau at the southern tip of the Carmel mountain range. It overlooks the coastal plain and the Mediterranean Sea to the west, and the Samarian Hills to the east.

At the heart of the park are the carefully manicured **Memorial Gardens**, which contain the crypt of the Baron and Baroness de Rothschild. Surrounding the Gardens is a Mediterranean **Nature Park** consisting of over a thousand acres of open landscape inhabited by indigenous fauna and flora. It is perhaps the most researched and carefully managed open space in Israel. The Nature Park also features historical and archaeological sites, made accessible through a series of hiking trails. A recently completed **Visitors Pavilion**, the first building in Israel to be granted 'Green Building' standard certification, offers information, facilities and activities designed for schoolchildren and the public. The integration of educational, scientific and recreations functions makes Ramat Hanadiv a unique site in Israel.

Ramat Hanadiv as a field laboratory

Ramat Hanadiv with its varied habitats, in-depth ecological research and professional research staff is an ideal "**field laboratory**" for the formal education system in Israel. Ramat Hanadiv provides a number of fundamental learning topics, all revolving around the major theme of the interrelations between humans and their environment.

Ramat Hanadiv Educational programs are varied and appeal to students of different ages from primary through secondary school. They all include activity in three realms: in the classroom, in the park area and on the Web. In this manner students from all over



Relics of the settlement in Horvat Akev.
Photo: Amit Geron

Israel can study general ecological and environmental topics via the Ramat Hanadiv educational programs.

The program for **elementary school students**, "**Young researchers in the field**", includes a series of interactive educational activities relating to diverse aspects of nature and the environment. The subjects studies include: flowers and butterflies; [life in water](#); color in nature; the return of the birds of prey; recycling; from wild wheat to cultured wheat; ancient agriculture in Horvat Akev; and [the settlement at Ein Tzur](#).

LTER-EDU

High school students are involved in interactive educational activities focused on ecological principles such as the connection between structure and function; sustainable development; recycling processes in nature; and [landscape ecology](#).

This year students are invited to join the [Long-Term Ecological Research \(LTER-EDU\)](#) program at Ramat Hanadiv. Students from all over Israel collect and upload ecological data onto the website so other students can participate in the analysis and draw conclusions based on all the data gathered.



Observing birds.
Photo: Eyal Bartov

Long-term climatic-ecological monitoring and cooperation with students who gather data and study their environment in different sites are likely to support development of various dimensions of ecological literacy, particularly the temporal and spatial dimensions.