

Dr. Gabriela Pirk (Brief CV, November 2021)

### CURRENT POSITIONS

- **Adjunct Researcher CONICET (Investigadora Adjunta)**, INIBIOMA (CONICET-UNCo)
- **Adjunct Professor (Profesora Adjunta)**. Centro Regional Universitario Bariloche (CRUB), Universidad Nacional del Comahue (UNCo).

### EDUCATION

- **Doctora en Ciencias Biológicas (2007)** Universidad de Buenos Aires (UBA)
- **Licenciada en Ciencias Biológicas (2002)** Facultad de Ciencias Exactas y Naturales (FCEN), UBA

### PUBLICATIONS

26 peer publications [https://www.researchgate.net/profile/Gabriela\\_Pirk](https://www.researchgate.net/profile/Gabriela_Pirk). Selected articles:

- Ortiz D, Elizalde L, **Pirk GI** (2021) Role of ants as dispersers of native and exotic seeds in an understudied dryland. *Ecological Entomology* 46: 626-636
- Elizalde L, Arbetman M, Arnán X, Eggleton P, Leal I, Lescano N, Saez A, Werenkraut V & **Pirk GI** (2020). The ecosystem services provided by social insects: traits, management tools and knowledge gaps. *Biological Reviews* 95: 1418-1441
- **Pirk GI**, Elizalde L, Lescano N & Werenkraut V (2020) Essential but invisible: Non-apparent but widespread ant nests favour soil nutrients and plant growth in semi-arid areas. *Ecological Entomology* 45: 1408-1417
- **Pirk GI** & Lopez de Casenave J (2014). Effect of harvester ants of the genus *Pogonomyrmex* on the soil seed bank in the central Monte desert. *Ecological Entomology* 39: 610-619
- **Pirk GI** & Farji-Brener A (2013) Can the nutrient-rich soil patches created by leaf-cutting ants favor plant compensation for foliar damage? A test of the compensatory continuum hypothesis. *Plant Ecology* 204: 1059-1070
- **Pirk GI** & Lopez de Casenave J (2006) Diet and seed removal rates by the harvester ants *Pogonomyrmex rastratus* and *Pogonomyrmex pronotalis* in the central Monte desert, Argentina. *Insectes Sociaux* 53: 119-125.

### TEACHING ACTIVITIES

- **Adjunct Professor** (2020-current). Depto de Ecología, CRUB, UNCo. Courses: Applied Ecology, General Ecology
- **Teacher in charge of assignments** (2010-2020). Depto de Ecología, CRUB, UNCo. Courses: General Ecology, Ecology of Animal-Plant interactions, Introduction to Nature
- **Postgraduate courses**: Introduction to Ant Systematics & Ecol. (2011); Ant Systematics, Ecology & Behaviour (2013); Ecology of Arid and Semiarid Environments (2020, 2021)
- **Graduate teaching assistant** (2003–2007) Depto de Ecología, Genética y Evolución, FCEN, UBA.
- **Undergraduate teaching assistant** (2001–2002) Depto de Ecología, Genética y Evolución, FCEN, UBA.

### GRANTS

Participation in 16 Grants. Selected grants:

- **Researcher in charge** (Investigadora responsable) “Ants as providers of ecosystem services: implications for restoration of degraded areas and biological control” Agencia Nacional de Promoción Científica y Tecnológica (ANPCYT), (PICT 2015-1304) 2016-2019
- **Researcher** (In charge: V. Werenkraut). “Long distance transport of invasive species: firewood as a pathway for arthropods” ANPCYT, (PICT- 2016-0157) 2017-2020
- **Director**. “Insects in the face of natural and anthropic changes”. UNCo. 2018-2021

### STUDENT SUPERVISION

- Director of Doctoral Thesis: Daniela Ortiz (2017-current), UNCo
- Director of Doctoral Thesis: Marisa Díaz (2021-current), candidate UNCo
- Director of Undergraduate Thesis: Laura Aput (2018), CRUB, UNCo
- Co-director of Doctoral Thesis: Carla Masini (2017), Ana Julia Pereira (2017) UNCo
- Co-director of Undergraduate Thesis: Ana Julia Pereira (2012), CRUB, UNCo