**Table S1.** Location of the samples studied in this work. These materials are on deposit in the Herbarium of the University of Almería (HUAL).

|  |  |  |
| --- | --- | --- |
| Species | Location | HUAL reference number |
| *Quercus coccifera* L. | Jaén: Virgen de la Cabeza, 30S 408324 4225902, 562 mJaén: Marmolejo, 30S 395909 4218529, 385 mJaén: Lugar Nuevo, 30S 409032 4224170, 363 mJaén: Andújar, 30S 397587 4227352, 342 mCórdoba: Aldea Cerezo, 30S 391180 4234230, 627 m | 2616826160261672618126163 |
|  |  |  |
| *Q. faginea* Lam. subsp. *faginea* | Jaén: El Centenillo, 30S 433944 4246510, 757 mCiudad Real: Solana del Pino, 30S 406548 4252421, 878 mCórdoba: Vegueta del Fresno, 30S 392091 4233593, 502 mJaén: Aldeaquemada, 30S 456696 4249042, 854 mCiudad Real: Fuencaliente, 30S 389981 4251407, 654 m | 2617326175261642617226179 |
|  |  |  |
| *Q. pyrenaica* Willd. | Jaén: Sierra Estrella, 30S 446777 4248919, 1075 mJaén: Sierra Quintana, 30S 392587 4250021, 904 mCiudad Real: Fuencaliente, 30S 389501 4253103, 938 mCórdoba: Venta del Charco, 30S 388162 4226886,734 mCórdoba: Cardeña, 30S 386603 4231639, 741 m | 2617426184261802616126162 |
|  |  |  |
| *Q. rotundifolia* Lam. | Jaén: Miranda del Rey, 30S 448191 4246150, 757 mCórdoba: Azuel, 30S 384635 4244112, 600 mJaén: La Aliseda, 30S 449726 4242507, 686 mJaén: El Encinarejo, 30S 412227 4224358, 293 mJaén: Andújar, 30S 404971 4246051, 710 m | 2618226165261712616626176 |
|  |  |  |
| *Q. suber* L. | Jaén: La Carolina, 30S 447577 4243212, 709 mCórdoba: Los Patalos, 30S 388919 4223869, 627 mJaén: Andújar, 30S 414155 4220523, 531 mCórdoba: Los Rasos, 30S 388080 4221334, 596 mJaén: Sierra Quintana, 30S 397648 4248081, 730 m | 2618326178261692617726170 |