

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Sideritis pauli*

| Activity Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|----------------|--------------------|------------|---------|----------|----------------------|--|
| 67 | 1,8-CINEOLE | Shoot | 65 | 65 | -0.13466625165524812 | Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of <i>Sideritis pauli</i> Pau. FFJ7: 47-8. 1992. |
| 3 | ALPHA-CADINOL | Shoot | 32 | 32 | 0.045728979782481985 | Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of <i>Sideritis pauli</i> Pau. FFJ7: 47-8. 1992. |
| 2 | ALPHA-HUMULENE | Shoot | 3 | 3 | -0.39470951573514457 | Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of <i>Sideritis pauli</i> Pau. FFJ7: 47-8. 1992. |
| 11 | ALPHA-PHELLANDRENE | Shoot | 26 | 26 | -0.24332661435805322 | Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of <i>Sideritis pauli</i> Pau. FFJ7: 47-8. 1992. |
| 28 | ALPHA-PINENE | Shoot | 1540 | 1540 | 0.006138684971683615 | Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of <i>Sideritis pauli</i> Pau. FFJ7: 47-8. 1992. |
| 13 | ALPHA-TERPINENE | Shoot | 3 | 3 | -0.47281058482161253 | Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of <i>Sideritis pauli</i> Pau. FFJ7: 47-8. 1992. |
| 23 | ALPHA-TERPINEOL | Shoot | 16 | 16 | -0.2693405181796286 | Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of <i>Sideritis pauli</i> Pau. FFJ7: 47-8. 1992. |
| 3 | AROMADENDRENE | Shoot | 6 | 6 | -0.17940650112882509 | Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of <i>Sideritis pauli</i> Pau. FFJ7: 47-8. 1992. |
| 13 | BETA-PINENE | Shoot | 110 | 110 | -0.11339510488819833 | Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of <i>Sideritis pauli</i> Pau. FFJ7: 47-8. 1992. |
| 9 | CAMPHENE | Shoot | 6 | 6 | -0.133722740597587 | Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of <i>Sideritis pauli</i> Pau. FFJ7: 47-8. 1992. |
| 41 | CAMPHOR | Shoot | 3 | 3 | -0.15716989851274923 | Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of <i>Sideritis pauli</i> Pau. FFJ7: 47-8. 1992. |

| Activity Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|----------------|-----------------------|------------|---------|----------|----------------------|--|
| 6 | CARYOPHYLLENE-EPOXIDE | Shoot | 26 | 26 | 1.2221937208561195 | Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of <i>Sideritis pauli</i> Pau. FFJ7: 47-8. 1992. |
| 8 | DELTA-3-CARENE | Shoot | 13 | 13 | -0.17221505568266005 | Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of <i>Sideritis pauli</i> Pau. FFJ7: 47-8. 1992. |
| 9 | DELTA-CADINENE | Shoot | 220 | 220 | 1.7780603440549225 | Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of <i>Sideritis pauli</i> Pau. FFJ7: 47-8. 1992. |
| 11 | GAMMA-TERPINENE | Shoot | 19 | 19 | -0.3812068261117385 | Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of <i>Sideritis pauli</i> Pau. FFJ7: 47-8. 1992. |
| 5 | GERANYL-ACETATE | Shoot | 3 | 3 | -0.5191410082801964 | Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of <i>Sideritis pauli</i> Pau. FFJ7: 47-8. 1992. |
| 2 | GERMACRENE-D | Shoot | 95 | 95 | -0.3172326086128438 | Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of <i>Sideritis pauli</i> Pau. FFJ7: 47-8. 1992. |
| 60 | LIMONENE | Shoot | 55 | 55 | -0.3004412070868718 | Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of <i>Sideritis pauli</i> Pau. FFJ7: 47-8. 1992. |
| 22 | MYRCENE | Shoot | 22 | 22 | -0.31722868147938404 | Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of <i>Sideritis pauli</i> Pau. FFJ7: 47-8. 1992. |
| 16 | P-CYMENE | Shoot | 3 | 3 | -0.4990244697176778 | Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of <i>Sideritis pauli</i> Pau. FFJ7: 47-8. 1992. |
| 5 | SABINENE | Shoot | 95 | 95 | -0.1947708963208136 | Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of <i>Sideritis pauli</i> Pau. FFJ7: 47-8. 1992. |
| 23 | TERPINEN-4-OL | Shoot | 35 | 35 | -0.15267235068661794 | Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of <i>Sideritis pauli</i> Pau. FFJ7: 47-8. 1992. |
| 9 | TERPINOLENE | Shoot | 10 | 10 | -0.5170119363668141 | Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of <i>Sideritis pauli</i> Pau. FFJ7: 47-8. 1992. |