



# HOKKAIDO UNIVERSITY

|                  |                                                                                                                                                                                                          |
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| Title            | Obsidian hydration dating helps understand pre-hispanic land use on the volcanic island of Tenerife, Canary Islands, Spain                                                                               |
| Author(s)        | Nakazawa, Yuichi; Maeso, Cristina Vega; Carmona-Ballester, Eduardo et al.                                                                                                                                |
| Citation         | Quaternary international, 676, 37-52<br><a href="https://doi.org/10.1016/j.quaint.2023.08.009">https://doi.org/10.1016/j.quaint.2023.08.009</a>                                                          |
| Issue Date       | 2023-12-10                                                                                                                                                                                               |
| Doc URL          | <a href="https://hdl.handle.net/2115/97064">https://hdl.handle.net/2115/97064</a>                                                                                                                        |
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| Type             | journal article                                                                                                                                                                                          |
| File Information | Table4.pdf                                                                                                                                                                                               |



|           | Geographic background |              |                                         | Sample characteristic |                               | Surface hydration rim thickness ( $\mu$ ) |     |     |     |     |     | Hydration thickness along internal fissure ( $\mu$ ) |       |       | Mean thickness ( $\mu$ ) | Notes                                        |
|-----------|-----------------------|--------------|-----------------------------------------|-----------------------|-------------------------------|-------------------------------------------|-----|-----|-----|-----|-----|------------------------------------------------------|-------|-------|--------------------------|----------------------------------------------|
| Sample ID | Region                | Altitude (m) | Soil temperature ( $^{\circ}\text{C}$ ) | Classes of artifacts  | Visual appearance of obsidian | d-1                                       | d-2 | d-3 | v-1 | v-2 | v-3 | int-1                                                | int-2 | int-3 |                          |                                              |
| GU-1-7    | Bandas del Sur        | 70           | > 22                                    | flake                 | green                         | 0.7                                       | 0.6 | 0.7 | 0.6 | 0.7 | 0.7 | -                                                    | -     | -     | 0.7                      |                                              |
| GU-2-8    | Bandas del Sur        | 70           | > 22                                    | flake                 | green                         | -                                         | -   | -   | 0.6 | 0.6 | 0.6 | -                                                    | -     | -     | 0.6                      |                                              |
| GU-3-2    | Bandas del Sur        | 70           | > 22                                    | flake                 | green                         | 0.9                                       | 0.9 | 0.9 | -   | -   | -   | -                                                    | -     | -     | 0.9                      |                                              |
| GU-3-7    | Bandas del Sur        | 70           | > 22                                    | flake                 | green                         | -                                         | -   | -   | -   | -   | -   | 0.8                                                  | 0.9   | 0.9   | 0.89                     | Rim along internal fissure measured at 500x. |

|            |                        |      |      |                  |                                   |   |   |   |   |   |   |     |     |     |      |                                                                                                                                                                                            |
|------------|------------------------|------|------|------------------|-----------------------------------|---|---|---|---|---|---|-----|-----|-----|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WP5<br>0   | Granadilla<br>de Abona | 116  | > 22 | bipolar<br>flake | translu<br>cent,<br>dark<br>brown | - | - | - | - | - | - | 1.3 | 1.3 | 1.1 | 1.23 | Rims along<br>internal<br>fissures<br>measured<br>at 1000x.                                                                                                                                |
| WP5<br>2-1 | Granadilla<br>de Abona | 136  | > 22 | scraper<br>/core | black,<br>opaque<br>, shiny       | - | - | - | - | - | - | 3.5 | 3.5 | 3.5 | 3.5  | This fissure<br>would be<br>crack<br>generated<br>sometime<br>after the<br>obsidian<br>generation,<br>prior to<br>human<br>modificatio<br>n.<br>Measureme<br>nts were<br>taken at<br>500x. |
| WP4<br>5-2 | Tabonal<br>Negro       | 2286 | 8-15 | flake<br>core    | opaque<br>(weath                  | - | - | - | - | - | - | 1.3 | 1.2 | 1.1 | 1.2  | Rims along<br>internal                                                                                                                                                                     |

|  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |                                   |
|--|--|--|--|--|-----------------------|--|--|--|--|--|--|--|--|--|--|--|-----------------------------------|
|  |  |  |  |  | ered<br>surface<br>?) |  |  |  |  |  |  |  |  |  |  |  | fissures<br>measured<br>at 1000x. |
|--|--|--|--|--|-----------------------|--|--|--|--|--|--|--|--|--|--|--|-----------------------------------|