**[For SUPPLEMENTARY MATERIAL]**

**Intentional damage to metal artefacts in burials and hoards in the south Caucasus, 2000–550 BC**

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*Received: 11 August 2021; Revised: 27 February 2023; Accepted: 25 May 2023*

**Table S1. Catalogue of depositions. MBA: Middle Bronze Age; LBA: Late Bronze Age; EIA: Early Iron Age.**

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| **#** | **Site name** | **Location and co-ordinates\*** | **Type** | **Period** | **Observed damage** | **Number of damaged objects** | **Literature** |
| 1 | Akhalkalaki | Kaspi municipality; Shida Kartli region  Easting: 44.352; Northing: 41.875 | Hoard | LBA/EIA | Fragments | 5 axes | Koridze 1965: 30 |
| 2 | Akhali Atoni | Gudauta municipality; Abkhazia region  Easting: 40.824; Northing: 43.086 | Hoard | EIA | Fragments; multi-piece breakage | 3 spearheads;  1 ring | Lukin 1941: tab. VIII |
| 3 | Aradu | Ochamchire municipality; Abkhazia region  Easting: 41.471; Northing: 42.791 | Hoard | LBA/EIA | Fragments | 1 axe;  3 hoes;  2 sickles | Apakidze 2006: 73 |
| 4 | Bazaleti cemetery  Burial nos  10, 17, 23, 34, 39, 43, 46, 48, 49, 53,62, 69, 100, 72 | Dusheti municipality; Mtskheta-Mtianeti region  Easting: 44.669; Northing: 42.084 | Burial | EIA | Bending (180°) | 12 spearheads  4 knives | Ramishvili *et al*. 2004: 97 |
| 5 | Beshtasheni burial 9 | Tsalka municipality; Kvemo Kartli region  Easting: 44.108; Northing: 41.642 | Burial | LBA | Bending (90°) | 1 dagger;  1 spearhead | Akhvlediani 2001 |
| 6 | Berikldeebi | Kaspi municipality; Shida Kartli region  Easting: 43.918; Northing: 42.01 | Burial | LBA | Slightly bent; multi-piece breakage | 2 daggers | Unpublished. Location: S. Janashia Museum, Tbilisi |
| 7 | Bornigele cemetery, Burials 53, 54, 33 | Near Borjomi; Samtskhe-Javakheti region  Easting: 43.291; Northing: 41.787 | Burial | EIA | Folding; fragments | 4 spearheads;  1 dagger | Gambashidze & Gambashidze 1986; 1995; Gambashidze *et al*. 1991 |
| 8 | Bredza | Kareli municipality; Shida Kartli region  Easting: 43.717; Northing: 42.134 | Not determined | LBA/EIA | Rectangular section cut out of edge | 1 dagger | Ramishvili 1998: 147–50, tab. II |
| 9 | Brili | Khashuri municipality; Shida Kartli region  Easting: 43.606; Northing: 42.073 | Not determined | LBA/EIA | Rectangular section cut out of edge | 1 dagger | Ramishvili 1998: 147–50, tab. XI |
| 10 | Bugauri | Khashuri municipality; Shida Kartli region  Easting: 43.52; Northing: 42.034 | Not determined | LBA/EIA | Rectangular section cut out of edge | 1 dagger | Ramishvili 1998: 147–50, tab. XII |
| 11 | Chabarukhi | Dusheti municipality; Shida Kartli region  Easting: 44.405; Northing: 42.215 | Hoard | EIA | Breakage (incomplete objects) | 2 daggers | Pantskhava 1988: 67 |
| 12 | Chaisubani | Kobuleti municipality; Ajara region  Easting: 41.698; Northing: 41.771 | Hoard | LBA | Incomple objects | 3 hoes | Ramisvhili 1974: 13 |
| 13 | Chakvi | Kobuleti municipality; Ajara region  Easting: 41.736; Northing: 41.731 | Hoard | LBA/EIA | Fragments | 5 axes;  14 rings | Ramishvili 1974: 13 |
| 14 | Chitakhevi cemetery, burial nos 4, 15 | Near Borjomi; Samtskhe-Javakheti region  Easting: 43.291; Northing: 41.787 | Burial | EIA | Bending (90°);  fragments | 6 spearheads;  1 dagger | Gambashidze & Gambashidze 1986; 1995; Gambashidze *et al*. 1991 |
| 15 | Darkveti | Chiatura municipality; Imereti region  Easting: 43.195; Northing: 42.193 | Hoard | LBA/EIA | Fragments | 1 axe | Koridze 1965: 24 |
| 16 | Gamdlistskaro | Kaspi municipality; Shida Kartli region  Easting: 44.23; Northing: 42.001 | Hoard | EIA | Fragments | 13 hoes;  1 axe;  2 daggers;  1 fibula;  1 belt buckle;  9 segment;  31 possibe segment;  fragments of a cauldron | Koridze 1968; Brileva 2011 |
| 17 | Gali | South Abkhazia region  Easting: 41.742; Northing: 42.635 | Hoard | MBA | Breakage | 8 axes;  1 segment | Apakidze 1984:42-47 |
| 18 | Gora | Vani municipality; Imereti region  Easting: 42.678; Northing: 42.066 | Hoard | LBA | Fragments | 2 hoes;  3 axes;  6 segmets | Koridze 1965: 15 |
| 19 | Gorati cemetery | Khashuri municipality; Shida Kartli  Easting: 43.574; Northing: 42.002 | Burial | LBA/EIA | Bending (90°);  fragments | 2 daggers  2 spearheads | Unpublished. Location: Khashuri museum |
| 20 | Guadikhu burial №19 | Near Sokhumi, Abkhazia region  Easting: 40.994; Northing: 43.03 | Burial | EIA | Bending (90°) | 1 sword | Trapsh 1969: 35–36 |
| 21 | Irgan-chai burial № 5 | Dmanisi municipality; Kvemo Kartli  Easting: 44.14; Northing: 41.552 | Burial | LBA | Fragments | 2 daggers | Kakhiani & Ghlighvashvili 2008 |
| 22 | Khetsubani | Kobuleti municipality; Ajara region  Easting: 41.804; Northing: 41.832 | Hoard | LBA/EIA | Breakage | 2 axes;  3 hoes;  2 sickles;  3 segments | Ramishvili 1974: 19 |
| 23 | Khevi | Chokhatauri municipality; Guria region  Easting: 42.279; Northing: 41.962 | Hoard | LBA/EIA | Breakage | 3 axes;  1 mattock | Ramishvili 1974: 27 |
| 24 | Kvasatali burials nos 1 & 6 | Kurta municipality; Shida Kartli region  Easting: 43.886; Northing: 42.248 | Burial | MBA | Fragments (incomplete dagger) | 2 daggers | Japaridze 2009 |
| 25 | Kvemo Eshera | Sokhumi municipality; Abkhazia region  Easting: 40.922; Northing: 43.033 | Hoard | LBA | Incomplete object | 1 dagger | Apakidze 2006: 69 |
| 26 | Kvishari | Amborauli municipality; Racha region  Easting: 42.942; Northing: 42.554 | Hoard | LBA/EIA | Breakage,  fragments | 1 axe;  1 sickle;  1 situla;  2 hoes | Koridze 1965: 34 |
| 27 | Labra | Ochamchire municipality; Abkhazia region  Easting: 41.397; Northing: 42.808 | Hoard | LBA/EIA | Breakage | 2 axes | Apakidze 2006: 72 |
| 28 | Lailashi | Tsageri municipality; Kvemo Svaneti region  Easting: 42.611; Northing: 42.858 | Hoard | EIA | Breakage | 3 axes | Koridze 1965: 24 |
| 29 | Lechkop | Sokhumi municipality (northwest outskirts of Sokhumi); Abkhazia region  Easting: 40.956; Northing: 43.011 | Hoard | MBA | Fragment | 1 axe | Apakidze 1998: 81 |
| 30 | Likhni (Adzgalakhuki) | Gudauta municipality; Abkhazia region  Easting: 40.601; Northing: 43.143 | Hoard | LBA | Incomplete objects; fragment | 4 axes | Koridze 1965: tab. 5  Apakidze 1998: 67–68 |
| 31 | Lilo | Tbilisi  Easting: 44.985; Northing: 41.676 | Burial | MBA | Two-piece breakage (hot-shorting technique) | 1 sword | Abramishvili 2001, 2010; Kirichenko 2020 |
| 32 | Makhuntseti | Keda municipality; Achara region  Easting: 41.834; Northing: 41.566 | Hoard | LBA | Fragments | 2 axes  2 hoes | Ramishvili 1974: 24 |
| 33 | Meghvrekisi burial № 6 | Gori municipality; Shida Kartli region  Easting: 44.003; Northing: 42.188 | Burial | LBA | Rectangular section cut out of edge | 1 dagger | Ramishvili 1998: 147–50, tab. III |
| 34 | Meleqeduri | Ozurgeti municipality; Guria region  Easting: 42.024; Northing: 41.946 | Hoard | LBA | Breakage | 2 axes;  1 mattock;  1 knife /dagger;  1 spearhead;  1 billhook | Ramishvili 1974: 25 |
| 35 | Mravaltskali | Sagarejo municipality; Kakheti region  Easting: 45.335; Northing: 41.521 | Burial | MBA | Two-piece brakage (possible hot-shorting technique) | 1 sword | Abramishvili 2001; 2010; Kirichenko 2020 |
| 36 | Nakiani | Chkhorotsku municipality; Samegrelo region  Easting: 42.196; Northing: 42.519 | Burial | EIA | Bending (90°) | 1 dagger;  1 spearhead | Unpub. Location: Chkhorotsku museum |
| 37 | Narekvavi cemetery | Mtskheta municipality; Mtskheta-Mtianeti region  Easting: 44.714; Northing: 41.886 | Burial | MBA | Multi-piece breakage | 1 dagger | Ramishvili 2001; Sadradze *et al*. 2018 |
| 38 | Natakhtari burial № 28 | Mtskheta municipality; Mtskheta-Mtianeti region  Easting: 44.726; Northing: 41.922 | Burial | MBA | Fragments | 1 dagger | Sadzradze *et al*. 2018: 27 |
| 39 | Natsargora cemetery,  burial nos 444, 480, 407, 435, 502, 223, 435 | Khashuri municipality; Shida Kartli region  Easting: 43.725; Northing: 42.068 | Burial | LBA/EIA | Bending (90° and 180°); two-piece breakage | 7 daggers;  7 spearheads;  2 belt-buckles | Ramishvili 2001 |
| 40 | Ochamchire (1) | Abkhazia region  Easting: 41.468; Northing: 42.719 | Hoard | LBA/EIA | Breakage | 3 axes;  1 segment;  1 mattock | Apakidze 1998: 73 |
| 41 | Ochamchire (2) | Abkhazia region  Easting: 41.471; Northing: 42.721 | Hoard | LBA/EIA | Incomplete | 4 axes | Apakidze 1998: 74 |
| 42 | Ochkhomuri | Chkoriotskhu municipality; Samegrelo region  Easting: 42.123; Northing: 42.352 | Hoard | LBA/EIA | Fragments | 5 axes;  3 spearhead;  1 mattock;  43 segments;  3 arrowheads | Apakidze 2001: 14–31 |
| 43 | Opshkviti | Tskaltubo municipality; Imereti region  Easting: 42.599; Northing: 42.148 | Hoard | LBA/EIA | Fragments; multi-piece breakage | 14 axes;  13 segments;  5 sickles;  1 flat axe;  1 mattock;  1 ring | Koridze 1965: 23 |
| 44 | Ojola | Tskaltubo municipality; Imereti region  Easting: 42.788; Northing: 42.39 | Hoard | EIA | Breakage | 1 segment;  1 axe;  4 ring  1 bronze vessel | Koridze 1965: 34 |
| 45 | Partskhanakanebi | Tskaltubo municipaly; Imereti region  Easting: 42.585; Northing: 42.288 | Hoard | LBA | Fragments | 3 axes | Koridze 1965: 14 |
| 46 | Pasanauri | Dusheti municipality; Shida Kartli  Easting: 44.41; Northing: 42.204 | Hoard | EIA | Fragments | 1 axe | Pantskhava 1986: 28–31 |
| 47 | Pshap- Bogoposhta | Gulriphshi municipality; Abkhazia  Easting: 41.135; Northing: 42.898 | Hoard | LBA/EIA | Fragments | 10 segments;  1 axe | Apakidze 2006: 71 |
| 48 | Saduga | Gurjaani municipality; Kakheti region  Easting: 45.679; Northing: 41.651 | Burial | MBA | Multi-piece breakage | 1 sword | Abramishvili 2001 |
| 49 | Samtavro cemetery  Burials nos 26, 47, 243, | Mtskheta municipality; Mtskheta-Mtianeti region  Easting: 44.719; Northing: 41.85 | Burial | MBA& LBA/EIA | Rectangular section cut out of its edge | 1 dagger;  1 sword;  1 spearhead | Chubinishvili 1957 |
| 50 | Shroma | Ozurgeti municipality; Guria region  Easting: 41.842; Northing: 41.98 | Hoard | LBA/EIA | Fragments (daggers) | 5 hoes;  2 axes;  2 daggers;  16 segments | Koridze 1965: 20 |
| 51 | Sokhumi mount | Abkhazia region  Easting: 41.001; Northing: 43.029 | Hoard | LBA | Fragments | 2 axes;  1 axe | Koridze 1965: 14 |
| 52 | Tkhmori | Ambrolauri municipality; Racha region  Easting: 42.932; Northing: 42.49 | Hoard | LBA/EIA | Breakage | 1 axe | Gambashidze 1963 |
| 53 | Tetri Kvebi,  Burials nos 3 & 12 | Sagarejo municipality; Kakhetia region  Easting: 45.812; Northing: 41.638 | Burial | MBA | Muti-piece breakage;  notching | 2 swords | Abramishvili 2001 |
| 54 | Trialeti kurgan XV | Tsalka municipality; Samtskhe-Javakheti region  Easting: 44.190; Northing: 41.621 | Burial | MBA | Two-piece breakage (hot-shorting technique) | 1 dagger | Jorjikashvili & Gogadze 1974: 88–89; Gogadze 1972: tab. 22 |
| 55 | Trialeti kurgan XVII | Tsalka municipality; Samtskhe-Javakheti region  Easting: 44.176; Northing: 41.618 | Burial | MBA | Two-piece breakage | 1 dagger | Jorjikashvili & Gogadze 1974: 96 |
| 56 | Trialeti kurgan XXIX | Tsalka municipality; Samtskhe-Javakheti region  Easting: 44.09; Northing: 41.650 | Burial | MBA | Fragment (incomplete dagger) | 1 dagger | Jorjikashvili & Gogadze 1974: 102; Gogadze 1972: tab. 33 |
| 57 | Trialeti kurgan XXXVI | Tsalka municipality; Samtskhe-Javakheti region Easting: 43.891; Northing: 41.592 | Burial | MBA | Fragment | 1 dagger | Jorjikashvili & Gogadze 1974: 114 |
| 58 | Tsageri | Tsageri municipality; Lechkhumi region  Easting: 42.761; Northing: 42.747 | Hoard | LBA/EIA | Breakage | 1 axe;  2 sickles;  1 spearhead;  15 segments;  1 mattock | Koridze 1965: 31 |
| 59 | Tsikhisdziri | Kobuleti municipality; Ajara region  Easting: 41.766; Northing: 41.771 | Hoard | LBA/EIA | Fragments | 7 hoes;  33 segments | Ramishvili 1974: 15–16 |
| 60 | Tsoisi | Tskhinvali region, Shida Kartli  Easting: 43.726; Northing: 42.359 | Hoard | LBA | Breakage | 1 axe;  2 sickles | Koridze 1965: 34 |
| 61 | Ude | Adigeni municipality; Samtskhe-Javakheti region  Easting: 42.794; Northing: 41.644 | Hoard | LBA/EIA | Folding; bending (45°); multi-piece breakage | 11 belt buckles;  6 spearhead | Javakhishvili & Chubinishvili 1959 |
| 62 | Urbnisi pit-burial № 219 | Tsalka, municipality; Samtskhe-Javakheti region  Easting: 43.987; Northing: 42.006 | Burial | LBA | Fragments; folding | 3 segments;  1 spearhead;  3 ingots | Koridze 1965: 104 |
| 63 | Ureki | Ozurgeti municipality; Guria region  Easting: 41.986; Northing: 41.759 | Hoard | LBA/EIA | Fragments | 2 axes | Ramishvili 1974: 31 |
| 64 | Ureki (Kaprovina) | Ozurgeti municipality; Guria region  Easting: 41.782; Northing: 42.001 | Hoard | LBA/EIA | Fragments (incomplete dagger) | 1 dagger | Koridze 1965: 43 |
| 65 | Vakijvari | Ozurgeti municipality; Guria region  Easting: 42.124; Northing: 41.922 | Hoard | LBA/EIA | Fragments (axes) | 1 billhook;  1 axe; 1 spearhead; 20 segments;  4 hoes | Koridze 1965: 22 |
| 66 | Varsimaant kari cemetery | Dusheti municipality; Mtskhet-Mtianeti region  Easting: 44.669; Northing: 42.084 | Burial | EIA | Bending (180°) | 4 spearheads;  2 knifes | Unpublished. Location: Dusheti Museum |
| 67 | Zeniti | Kobuleti municipality; Ajara region  Easting: 41.906; Northing: 41.818 | Hoard | LBA/EIA | Fragments; multi-piece breakage | 4 axes;  2 hoes;  1 dagger;  7 sickles | Koridze 1965: 16–17 |
| 68 | Zemo Sasireti | Kaspi municipality; Shida Kartli region  Easting: 44.307; Northing: 41.923 | Hoard | LBA | Breakage (incomplete daggers); bending tip of the blade | 4 dagger;  1 bronze vessel | Akhvlediani 2005 |
| 69 | Zemo Simoneti | Terjola municipality; Imereti region  Easting: 42.232; Northing: 42.921 | Hoard | LBA/EIA | Fragments | 2 swords;  1 dagger; 1 arrowhead;  2 hoes:  5 segments;  1 billhook;  1 bronze vessel | Koridze 1965: 24 |
| 70 | Zeda Ulianovka | Modern Sachino, Kobuleti municipality; Ajara region  Easting: 41.736; Northing: 41.731 | Hoard | LBA | Fragments | 2 axes | Ramishvili 1974: 14 |

\* Most co-ordinates are approximate and do not correspond to an exact find spot.

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