**Echoes of the Past: Women, memories and disc-on-bow brooches in Vendel and Viking-period Scandinavia**

**Zanette T.** **Glørstad and Ingunn Røstad**

**Supplementary Material**

**S1: Disc-on-bow Brooches Found in Present-day Norway**

*Abbreviations in the table: headplate (H), bow (B), footplate (F), disc (D) crown (Cr), complete (Co). Archaeologically gendered female burials are marked in brackets (F). No archaeologically gendered male burial was identified. Starting letters before museum numbers refer to regional museums where the objects are kept: B: University Museum of Bergen; C: Museum of Cultural History, Oslo; S, University Museum of Stavanger (previously Archaeological Museum); T: NTNU University Museum, Trondheim; Ts: UiT, Arctic University Museum of Norway, Tromsø; A: Recent acquisitions/metal-detected finds at the Museum of Cultural History, Oslo, awaiting final cataloguing.*

The information on brooches found in Norway is based on entries in the national online database for regional museums, and in the internal provisional museum databases on incoming find.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Mus. no | Place,farm and county | Phase brooch | Phase context | Prob.age gap in years | Complete/fragments | Complete brooches, length in cm | Inhumation (I)/ Cremation (C) where information available | Context | Comments |
| 1 | B488 | Storhaug, Rogaland | 3 |  |  | F + B |  |  | Burial |  |
| 2 | B664 | Gjukastein, Hordaland | Prototype/1 |  |  | Co | 5.4 | I? | Burial |  |
| 3 | B2559 | Orre, Rogaland | 3 | 3/Viking Age |  | Co | 21.6 | I? | Burial (F) | Perforated bow on one side, for suspension of e.g. bead strings |
| 4 | B4969b | Fure, Sogn and Fjordane | 3 | 3/Viking Age |  | Co, missing Cr | 21.0 | C | Burial? |  |
| 5 | B6721 | Nes, Nordland | 3 |  |  | H + B |  |  | Burial | Pinhead, shaped like an animal head |
| 6 | B7509 | Varberg, Hordaland | 2 |  |  | F + B +D |  |  | Burial? | ‘Trønds-jemsk group’ |
| 7 | B8389 | Tveit, Sogn and Fjordane | 2 |  |  | H |  |  | Stray find | Deliberately fragmented, worked edges |
| 8 | B12215 | Ylmheim, Sogn and Fjordane | 2 | 3 | 50–100 | Co | 12.5 | C | Burial (F) | Brooch very worn, traces of repair,  ‘Trønds-jemsk group’ |
| 9 | C716 | Holen, Oppland | Prototype/ 1 |  |  | Co | 5.2 | I? | Burial (F) |  |
| 10 | C4040 | Gjulem, Østfold | 3 |  |  | Co, missing part of H | 15.0 |  | Burial |  |
| 11 | C6054 | Langlo, Vestfold | 3 | 3/ early Viking Age |  | Cr |  | C | Burial (F) |  |
| 12 | C6247 | Lundre nordre, Vestfold | 2 |  |  | D |  | C | Burial | No other fragments present, probably deliberately fragmented |
| 13 | C8156 | Fonnås, Hedmark | 3 | Viking Age, late 10th c. | <100 | H |  | C | Burial (F) | Deliberately fragmented, worked edges |
| 14 | C10244 | Onsrud vestre, Akershus | Prototype/1 |  |  | F |  |  | Stray find |  |
| 15 | C10492 | Hov, Buskerud | 1 |  |  | Co, missing D | 7.1 | C | Stray find |  |
| 16 | C11898 | Melø, Vestfold | 3 | 3/ Early Viking Age |  | B |  | C | Burial (F) | Deliberately fragmented, worked edges |
| 17 | C15041 | Alfstad Oppland | 2 |  |  | Co | 14.0 |  | Burial | ‘Trønds-jemsk group’ |
| 18 | C16019 c | Åker, Hedmark | 2 | 2/3 |  | F |  | C | Burial (F) |  |
| 19 | C22120 b | Jahren øvre, Buskerud | 3 | Viking Age, late 9th c. | <100 | B |  | C | Burial (F) | Deliberately fragmented, worked edges |
| 20 | C23947 y + No number coll: 289 | Hjemstølen, Oppland | 3 | Viking Age, c. ad 875–975 | <75 | B + F + Cr. |  | I | Burial |  |
| 21 | C25880 b | Svergvollen, Hedmark | 2 | 3/Viking Age | <100 | B + F |  | C | Burial (F) |  |
| 22 | C26134 a | Lien nordre, Oppland | 2 |  |  | B |  |  | Stray find | Deliberately fragmented, perforated bow for secondary use, worked edges |
| 23 | C26403 b | Finstad store, Hedmark | 3 |  |  | Cr |  | C | Burial (F) |  |
| 24 | C52519/  14294 | Kaupang, Vestfold | 2/3 |  |  | Cr |  |  | Settlement/workshop |  |
| 25 | C54723/7 | Stranden, South Trøndelag | 3 |  |  | H + B + F |  |  | Stray find |  |
| 26 | C59161 | Rør mellom, Østfold | 2 |  |  | H+ B |  |  | Stray find |  |
| 27 | C59404 | Dælin nordre, Hedmark. | 2 |  |  | B + parts of H? |  |  | Stray find |  |
| 28 | C60761 | Strøm, Akershus | 1 |  |  | F |  |  | Stray find |  |
| 29 | C61430 | Moen nordre, Østfold | 2/3 |  |  | Cr |  |  | Stray find |  |
| 30 | A2016/815 | Hjelmungen nordre, Østfold | 1 |  |  | H + B |  |  | Stray find |  |
| 31 | A2017/1407 | Nedre Tingsaker, Aust-Agder | 3 |  |  | Cr |  |  | Stray find | Exceptionally large |
| 32 | A2018/904 | By Vestre, Hedmark | 2/3 |  |  | H+B |  |  | Stray find | Perforated bow for secondary use |
| 33 | A2018/977 | Jørsøe store, Østfold | 2/3 |  |  | Cr? |  |  | Stray find |  |
| 34 | A2018/1553 | Gran nordre, Vestfold | 3 |  |  | Co |  |  | Stray find | 18 fragments, originally complete at deposition |
| 35 | A2019/244 | Hovin østre, Akershus | Prototype |  |  | H+B |  |  | Stray find | Red enamel |
| 36 | A 2019/811 | Kolstad vestre, Hedmark | 3 |  |  | B |  |  | Stray find |  |
| 37 | S4843b | Espeland, Rogaland | 3 | 3/Viking Age |  | B +D |  | C | Burial (F) |  |
| 38 | S4924 | Byberg, Rogaland | 2 | 3/Viking Age, 9th c. | 50–100 | D |  |  | Burial (F) | No other fragments present, probably deliberately fragmented |
| 39 | S8172 | Hå, Rogaland | 3 | 3/Viking Age |  | Cr |  |  | Burial |  |
| 40 | T40 | Melhus, South Trøndelag | 3 |  |  | Co, missing D | 21.6 |  | Stray find | Perforations on one side, for suspension of e.g. bead strings, but here on foot- and head plate respectively. For a similar situation, see SHM 5767, Sweden |
| 41 | T41/T3075 | Melhus, South Trøndelag | 3 |  |  | Co | 21.9 |  | Stray find | Perforated bow on one side, for suspension of e.g. bead strings |
| 42 | T42 | Melhus, South Trøndelag | 2 |  |  | H + B |  |  | Stray find |  |
| 43 | T559 | Vikestad, Nordland | 2/3 |  |  | Co, missing D | 17.0 |  | Stray find |  |
| 44 | T1010 | Strand, South Trøndelag | 2 | 3 |  | F + D |  | I | Burial (F) | Runic inscription: siklisnAhli |
| 45 | T1120 | Tømmerås, North Trøndelag | 3 | Viking Age, 9th c. |  | B + F |  |  | Burial (F) | Perforated bow on one side, for suspension of e.g. bead strings |
| 46 | 1300 | Stangerholt, North Trøndelag | 2 | 3 |  | Co, lacs part of H | ? |  | Burial (F) | “Trønds-jemsk group” |
| 47 | T2060 | Tanem, North Trøndelag | 3 (?) |  |  | Cr |  |  | Burial |  |
| 48 | T3198 | Risegjerdet, South Trøndelag | 2 |  |  | D |  |  | Burial |  |
| 49 | T3808 | Laberget, North Trøndelag | 3 |  |  | D |  |  | Burial | Probably deliberately fragmented |
| 50 | T4429 | Birkestrand, Møre and Romsdal | 2 |  |  | B + F |  |  | Stray find |  |
| 51 | T6055 | Dyva nordre, North Trøndelag | 2 |  |  | D |  |  | Burial |  |
| 52 | T6574 | Melhus, North Trøndelag | 3 | Viking Age, ad 800–850 |  | Co | 24.0 | I | Burial (F) | Perforated bow on one side, for suspension of e.g. bead strings |
| 53 | T7714 | Skogmo store, North Trøndelag | 2 | 3/Viking Age | 50–100 | Co, missing D | 10.5 | I | Burial (F) | Disc must have been removed before burial.  ‘Trønds-jemsk group’ |
| 54 | T13381 | Bjørkan, South Trøndelag | 3 |  |  | B + F |  |  | Stray find |  |
| 55 | T18280 | Strand, South Trøndelag | 1 |  |  | Co, missing D | 8.0 |  | Burial? |  |
| 56 | T18340/ T27627 | Leknes, North Trøndelag | 3 |  |  | B |  |  | Stray find |  |
| 57 | T26651 | Austrått, South Trøndelag | Prototype/1 |  |  | Co | ? |  | Stray find |  |
| 58 | Ts83 | Hundstad, Troms | 1 |  |  | Co, missing D | 7.1 |  | Burial |  |
| 59 | Ts3267 | Leivset nedre, Nordland | 3 | Viking Age, 9th c.? |  | B +F |  |  | Burial (F) |  |
| 60 | Ts5281 | Hagbartsholmen, Nordland | 3 | Viking Age, 10th c. | <100 | D |  | I | Burial (F) | Deliberately fragmented, added pin holder for secondary use |
| 61 | Ts6362 a | Haukenes, Nordland | 1 | 2 | <50 | Co | 9.5 | I | Burial (F) |  |
| 62 | Ts6378 a | Ytre Kvarøy, Nordland | 1 | 2/3 | 50–75 | Co | 10.5 | I | Burial (F) |  |
| 63 | Ts12308/2 og 5 | Bitterstad, Nordland | 2 | 3/Viking Age | 50–100 | H + B, possible D | 12.0 | I | Burial (F) |  |
| 64 | Ts14295 | Harstad, Troms | 3 |  |  | Cr |  |  | Stray find |  |
| 65 | Ts15258 | Harstad, Troms | 1 |  |  | H + B |  |  | Stray find |  |
| 66 | Ts 15741 | Vasvik, Nordland | 2 |  |  | F |  |  | Stray find |  |
| 67 | Brit.Mus. MCS1297 | ‘Close to Tromsø’, Troms | 1 | 2/3 | 50–75 | Co | 9.4 |  | Burial (F) |  |
| 68 | Vennerøds saml | Lystad, Vestfold |  |  |  | Unknown fragment |  |  | Stray find |  |
| 69 | 2018/n number | Rinsaker, Hedmark | 3 |  |  | B |  |  | Stray find | Deliberately fragmented, worked edges |

**S2: Disc-on-bow Brooches Found in Present-day Sweden**

*Abbreviations in the table: headplate (H), bow (B), footplate (F), disc (D), crown (Cr), complete (Co). Archaeologically gendered female burials are marked in brackets (F). No archaeologically gendered male burial was identified. SHM museum numbers refer to objects held at the Swedish History Museum (Statens Historiska Museum) in Stockholm. In addition, the following abbreviations are used to identify collections: DM: Dalarnas Museum; JML: Jamtli – Jämtlands Läns museum; KLM: Kalmar Läns Museum; HM: Hallands Museum; LUHM: Historiska Museet, Lund Universitet; U/UM: Upplandsmuseets samlingar; Vlm: Västmanland museum; VM: Vänersborgs Museum. Recent/reassessed finds have in some cases a preliminary number referring to its national heritage site number/location name, awaiting final cataloguing; these are listed as numbers 101–102, 104, 108–119. For these, additional references have been added.*

The information on the Swedish brooches was collected through reviewing published work and unpublished reports and dissertations (Minda, 1989), combined with information from the online database of the Swedish History Museum in Stockholm and information provided by Dr John Ljungkvist, Uppsala University and Dr Charlotte Hedenstierna-Jonson, of the Swedish History Museum, Stockholm, and Uppsala University

|  | Mus. no | Place, farm and county | Phase brooch | Phase context | Prob. age gap in years | Complete/Fragments | Complete brooches, length in cm | Inhumation (I)/ Cremation (C) where information available | Context | Comments |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | SHM699 | Trosa, Södermanland | 1? |  |  | F |  |  | Burial? |  |
| **2** | SHM1209 | Hade, Gästrikland | Prototype/1 |  |  | Co | 6.4 |  | Hoard |  |
| **3** | SHM3044 | Klagstorp, Västergötland | 3? |  |  | H + B |  |  | Stray find |  |
| **4** | SHM5208:32 | Bjørkö, Uppland | 2? |  |  | D |  |  | Settlement |  |
| **5** | SHM5227 | Hadeholm, Gästrikland | 1? |  |  | Co |  | C | Burial | Probably deposited complete, now in may fragments |
| **6** | SHM5767, 15878 | Kåsta, Uppland | 3 | 3/Viking Age |  | Co | 28.5 | C | Burial (F) | Perforations on one side, for suspension of e.g. bead strings, but here on foot- and head plate respectively. For a similar situation, see T40, Norway |
| **7** | SHM5907:33 | Bolmstad, Småland | 3/Viking Age |  |  | Cr |  | C? | Burial |  |
| **8** | SHM6745 | Dommaryd, Småland | 2/3 | 3 |  | Co | 12.0 | C? | Burial (F) |  |
| **9** | SHM7078 | Ulltuna, Uppland | 1 |  |  | F + B |  |  | Burial? |  |
| **10** | SHM7869:4 | Johannishus, Blekinge | 2/3 |  |  | F |  |  | Burial |  |
| **11** | SHM8177:308 | Torbjörnstorp, Västergötland | 2/3 |  |  | Co, missing D | 13.3 |  | Stray find |  |
| **12** | SHM8656 | Varv, Östergötland | 2/3 |  |  | Indistinct fragment |  | C? | Burial |  |
| **13** | SHM8716:1 | Österrekärne, Södermanland | 3 |  |  | Co, but in fragments | *c.* 13.0 |  | Stray find | Perforated bow on one side, for suspension of e.g. bead strings |
| **14** | SHM9004 | Sörby, Västermanland | 2/3 |  |  | Co |  |  | Stray find |  |
| **15** | SHM9170:1225 | Långeryd, Östergötland | 2/3 |  |  | Cr |  |  | Stray find |  |
| **16** | SHM9404 | Tuna, Uppland | 3 |  |  | Co, missing D | C. 15.0 |  | Burial | Pinhead, shaped like an animal head |
| **17** | SHM9521:B7 | Karby, Uppland | 2 |  |  | B |  | C | Burial |  |
| **18** | SHM9789 | Kråkberg, Dalarna | 3 | 3/Viking Age |  | F |  |  | Burial | Worked edge towards bow |
| **19** | SHM9818 | Tuna, Uppland | 3 |  |  | H + Cr |  |  | Burial |  |
| **20** | SHM10017 | Gärdlösa, Öland | 2 |  |  | Co | 13.0 |  | Stray find |  |
| **21** | SHM10035 | Tuna grave III, Uppland | 3 |  |  | Cr |  |  | Burial |  |
| **22** | SHM13307:A8 | Lundby, Södermanland | 1 | 1 |  | F |  | C | Burial (F) |  |
| **23** | SHM13524/A | Skogsby, Södermanland | 3 | 3/Viking Age |  | F |  | C? | Burial | Worked edges? |
| **24** | SHM13804:1 | Vagled, Jämtland | 2/3 | 2/3 |  | F + B + D |  | C? | Burial (F) | ‘Trønd-Jemsk group’ |
| **25** | SHM13804:4, grave 6 | Västbyn, Jämtland | 2 | 2/3 |  | F + B + D |  | C | Burial (F) |  |
| **26** | SHM14101 | Pjukarp, Vestergötland | 1 | 2/3 | 50–100 | Co | N/A | I? | Burial (F) |  |
| **27** | SHM14505 | Viad, Södermanland | 2/3 | 2/3 |  | B |  | C | Burial (F) |  |
| **28** | SHM15482 | Ekhammar, Uppland | 1 | 1 |  | Co | *c*. 8 cm | C? | Burial (F) | Very worn |
| **29** | SHM16220:1 | Ulvsta, Gästrikland | 3 | 3 |  | H+ F |  | C? | Burial (F) |  |
| **30** | SHM16863 | Strömsbro, Gästrikland | 3 | 3? |  | Co | N/A | C | Burial (F) | Probably deposited complete, now in fragments. Conservative features: tripartite decoration on bow, vertical lines along the sides |
| **31** | SHM16922:1 | Säby, Västergötland | Prototype/1 |  |  | B |  | C | Burial (F) |  |
| **32** | SHM17906:9 | Ruda, Östergötland | 3 |  |  | Co | 17,0 |  | Burial | Iron bosses on one side of bow, possible trace of repair. Conservative features: tripartite decoration on bow, vertical lines along the sides. Decorated reverse |
| **33** | SHM18046 | Gargnäs, Lappland | 2 |  |  | F +B |  | I | Burial | Possibly traces of repair on footplate |
| **34** | SHM19804 | Valbo, Gästrikland | 1 | 2 |  | F |  | C | Burial (F) |  |
| **35** | SHM20523:21A | Hovgårdsberg, Uppland | 3 | 3/Viking Age |  | F + B |  | C | Burial (F) |  |
| **36** | SHM21071 | Uppsälje, Dalarna | 1 | 1/2 |  | Co | 9,4 | C | Burial (F) |  |
| **37** | SHM21270:47 | Häringe, Södermanland | 3 |  |  | F+ Cr |  | C | Burial |  |
| **38** | SHM21435:6 | Vetavallen, Östergötland | 2/3 | 2/3 |  | H + F |  | C | Burial (F) |  |
| **39** | SHM23151:11 | Rinkeby, Uppland |  | 3? |  | Unknown fragment |  | C | Burial (F) |  |
| **40** | SHM23206: g. 1 | N. Bredsundsnäset grave 1, Dalarna | 1/2 | 2/3 |  | F + Cr |  | C | Burial (F) |  |
| **41** | SHM23304:A1 | Edeby, Uppland |  | 3 |  | Unknown fragment |  | C | Burial (F) |  |
| **42** | SHM23391 | Rullerum, Östergötland | 2 | 2 |  | H + F |  | C | Burial (F) |  |
| **43** | SHM24569:16A/109 (F1) | Fiskeby, Östergötland | 2? |  |  | Unknown fragment |  | C | Burial |  |
| **44** | SHM25915:A23 | Viggbyholm, Uppland | 1 | 1/2 |  | Co | 7.2 | C | Burial (F) |  |
| **45** | SHM26042: A78/101 | Brista, Uppland | 1 |  |  | D |  | C | Burial |  |
| **46** | SHM26042: A174/120 | Brista, Uppland | 1 | 2 |  | Co | 10.6 | C | Burial (F) |  |
| **47** | SHM26271:34 | Ringstad, Östergötland | 1 | 2 |  | Co, fragment |  | C | Burial (F) | Probably deposited complete, now in fragments |
| **48** | SHM26271:36 | Ringstad, Östergötland | 2/3 | 3 |  | Unknown fragment |  | C | Burial (F) |  |
| **49** | SHM26424:18 | Bådstorp, Östergötland | 3 | 3/Viking Age |  | H + F |  | C | Burial (F) |  |
| **50** | SHM26520:1 | Borg, Hälsingland | 3? |  |  | Cr |  | C | Burial | Crown well preserved. No other brooch fragment recovered. Possibly deliberately fragmented or post-cremation deposition |
| **51** | SHM26781:76 | Sund, Värmland | 1 | 1 |  | B |  | C | Burial (F) |  |
| **52** | SHM27124:A138, | Vätteryd, Skåne | 3 |  |  | H |  | C | Burial |  |
| **53** | SHM27124: | Vätteryd, Skåne | 3 | 3/Viking Age |  | Unknown fragment |  | C | Burial (F) |  |
| **54** | SHM29049:a3 | N. Bredsundsnäset grave 3, Dalarna | 1 | 1/2 |  | D |  | C | Burial (F) |  |
| **55** | SHM29401:G15 | Viken, Uppland | 1 | 1/ 2 |  | H + F |  | C | Burial (F) | Osteological analysis: middle-aged female |
| **56** | SHM30425:20 (F37) | Ekhammar, Uppland | 2 | 3/Viking Age |  | F? |  | C | Burial (F) |  |
| **57** | SHM30425 (F55) | Ekhammar, Uppland | 3 |  |  | Unknown fragment |  |  | Burial |  |
| **58** | SHM31096:21 | Tuna, Södermanland | 1 |  |  | H |  | C | Burial |  |
| **59** | SHM31325 | Ösby, Uppland | 2 |  |  | Co, missing D | 12.5 |  | Depot | Traces of damage caused by removing disc? |
| **60** | SHM31648:A2 | Frösö lager, Jämtland | 2 | 3/Viking Age | 50-100 | B + H or F |  | C | Burial (F) | Probably deposited complete, now in fragments |
| **61** | SHM32223 | Gamle Uppsala, Uppland | 1/2 |  |  | F |  |  | Stray find |  |
| **62** | SHM32300:A2 (F2) | Lunda, Uppland | Prototype/1 | Migration period |  | Co | 3.5 |  | Burial |  |
| **63** | SHM32300:A10 (F1) | Lunda, Uppland | Prototype/1 | Migration period/1 |  | Co | 6.5 | C | Burial (F) |  |
| **64** | SHM32300:A75 (F1) | Lunda, Uppland |  | 2/3 |  | Cr, part of H? |  | C | Burial (F) |  |
| **65** | SHM32300:A86 (F1) | Lunda, Uppland | 1 | 1 |  | B + F |  | C | Burial (F) |  |
| **66** | SHM32300:A102 (F2) | Lunda, Uppland |  | 2/3 |  | B |  | C | Burial (F) |  |
| **67** | SHM32577:A12 (F17) | Stenby, Södermanland | 1 | 1 |  | Co | 6.5 | C | Burial (F) |  |
| **68** | SHM33852:A10 (F58) | Lissma, Södermanland | 1 | 1 |  | Co | 6.5 | C | Burial (F) |  |
| **69** | SHM33879 (F1) | Knista, Uppland | Prototype/1 |  |  | Co | 4.9 |  | Burial |  |
| **70** | SHM34000:Bj 1079 | Björkö, Uppland | Prototype | 3/Viking Age | <100 | Co | 6.3 | I | Burial (F) |  |
| **71** | SHM34000:Bj 1040 | Björkö, Uppland | 2/3 | 3/Viking Age |  | Cr |  | C | Burial |  |
| **72** | SHM34083 | Arninge, Uppland | 1 |  |  | F |  | C | Burial |  |
| **73** | SHM34094:A16 (F13) | Kvarteret Valen, Södermanland | 3 |  |  | D |  | I | Burial | Separated disc, cord through central hole for fastening. Placed on a layer of feathers and birch bark |
| **74** | SHM34172:A2 (F7) | Karby, Uppland | 1/2 |  |  | Unidentified fragment |  |  | Burial |  |
| **75** | SHM34355:A18 (F11) | Skälby, Uppland | 1 | 1 |  | Co | *c*. 4.5 |  | Burial (F) | Probably deposited complete, now in fragments |
| **76** | SHM35000 (F90912) | Björkö, Svarta Jorden, Uppland |  |  |  | Unidentified fragment |  |  | Settlement layer |  |
| **77** | SHM35000 (F69409) | Björkö, Svarta Jorden, Uppland |  |  |  | Unidentified fragment |  |  | Settlement layer |  |
| **78** | SHM35000 (F80175) | Björkö, Svarta Jorden, Uppland |  |  |  | Unidentified fragment |  |  | Settlement layer |  |
| **79** | SHM35274 | Norsa, Västmannland |  | 3/Viking Age |  | D |  | I | Burial (F) |  |
| **80** | SHM36009:A8 (F9222) | Ulvi, Västmannland | 1 | 1 |  | F + B |  | C | Burial (F) | Osteological analysis: adult female (Wilson et.al., 1997) |
| **81** | DM 9395 | Krigsmansholmen, Dalarna | 1/2 |  |  | Co, missing D | 11.5 |  | Stray find | ‘Trøndsk-jemsk group’ (Serning, 1966: pl 48. 2) |
| **82** | Jamtli 9053:3 | Jättbacken, Jämtland | 3 |  |  | Co |  | C | Burial | Probably deposited complete, now in many fragments (Minda, 1989 no. 81) |
| **83** | JML 9072 | Unknown, Jämtland | 2/3 |  |  | Co |  |  | Stray find | Probably deposited complete, now in many fragments |
| **84** | KLM 232 | Skammelstorp, Östergötland | 3 |  |  | Co, missing D | N/A |  | Stray find? | Ørsnes, 1966; Minda, 1989 fig. 17. |
| **85** | KLM 45629:26  RAÄ 128: Hossmo Vest | Hossmo, Småland | 2/3 |  |  | Unknown fragment |  |  | Stray find | Papmehl-Dufay et al., 2013 |
| **86** | HM 409-13 | Bårslöv, Skåne | 2/3 |  |  | F +B |  |  | Stray find | Ørsnes ,1966 |
| **87** | LUHM 3610 | Löddeköpinge, Skåne | 1 |  |  | Co | 5.5 |  | Stray find | Ørsnes, 1966 |
| **88-99** | U 3941 | Uppåkra, Skåne |  |  |  | A total of 12 fragments from separate brooches |  |  | Settlement layer | Branca et al., 1999 |
| **100** | U 4476 | Uppåkra, Skåne | 1 |  |  | Co | N/A |  | Settlement layer | Branca et al., 1999 |
| **101** | Ultuna 2:23, Uppsala 401 & 653, A4350 | Ultuna, Uppland |  | 2 |  | Unknown fragment |  | C | Burial (F) | Hulth, 2014 |
| **102** | Ultuna 2:23, Uppsala 401 & 653, A4047/4060 | Ultuna, Uppland | 2/3 | 2/3 |  | Cr |  | C | Burial (F) | Hulth, 2014 |
| **103** | UM 43227\_079 | Inehålskullen, Uppland | 2/3 | 3 |  | F |  | C | Burial (F) | Osteological analysis: male burial (Seiler & Appelgren, 2012) |
| **104** | Valsgärde grave 57 | Valsgärde, Uppland |  |  |  | Unknown fragment |  |  | Burial (F) | Excavation details missing. The largest burial mound of the Valsgärde burial site (Ljungkvist, 2008: 25, 48) |
| **105** | Vlm 27650 | Tuna, Västmanland | 3 | 3/Viking Age |  | Co, missing D | 17.0 | I | Burial (F) | Osteological analysis: young female (Nylén & Schönbäck, 1994: 94-–9, 199–200).  Digital photograph and information from: <https://digitaltmuseum.se/021027804549/spanne> |
| **106** | VM 11189 | Unknown | 2 |  |  | H+B+D |  |  | Stray find | Digital photograph and information from: <https://digitaltmuseum.se/011025152543/ryggknappspanne> |
| **107** | Private collection | Hyby, Skåne | 2 |  |  | Co, missing D | 11.0 |  | Stray find | Ørsnes, 1966 |
| **108** | RAÄ 33: A17 | Runby, Uppland | Prototype/1 |  |  | Co | N/A |  | Burial | Minda, 1989: no. 61, with illustration |
| **109** | RAÄ 60:1:A50 | Berga, Östergötland | 3 | 3 |  | H? |  | C | Burial (F) | Stilborg, 2015 |
| **110** | RAÄ 60:1:A51 | Berga, Östergötland | 3 | 3 |  | B |  | C | Burial | Stilborg, 2015 |
| **111** | RAÄ 117-118:A112 | Västra Bökestad, Östergötland | 3 | 3 |  | B |  | C | Burial (F) | Helander & Zetterlund 1997 |
| **112** | RAÄ 117-118:A190 | Västra Bökestad, Östergötland | 3 | 3/Viking Age |  | Co |  |  | Burial (F) | Probably deposited complete, now in many fragments (Helander & Zetterlund, 1997) |
| **113** | RAÄ 117-118:A1811 | Västra Bökestad, Östergötland | 3 | 3/Viking Age |  | B |  |  | Burial (F) | Helander & Zetterlund, 1997 |
| **114** | RAÄ162: A15 | Ärvinge, Uppland | 2 | 2/3 |  | B+F |  | C | Burial (F) | Osteological analysis: adult female (Minda, 1989: no. 51; Biuw, 1992: 89–91, 228) |
| **115** | RAÄ 162:26 | Granby, Uppland |  | 3? |  | Unknown fragment |  | C | Burial (F) | Minda, 1989: no. 50; Biuw, 1992: 229 |
| **116** | RAÄ 162:29 | Granby, Uppland |  | 1 |  | Unknown fragment |  | C | Burial (F) | Minda, 1989: no. 51; Biuw, 1992: 230 |
| **117** | RAÄ 163, Heberg 2:14 | Heberg, Halland | 2 |  |  | B (+F?) |  |  | Burial? | Lundqvist, 2008 |
| **118** | RAÄ 168:40 | Kymlinge, Uppland | Prototype/1 | 1 |  | F + B |  | C | Burial | Minda, 1989: no. 49, fig. 49; Biuw, 1992: 117, 124 |
| **119** | RAÄ 630:1 Leista 7:1, | Stora Prästgården, Uppland | 3 |  |  | Cr |  |  | Settlement layer | Grandin, 2011; Aspeborg & Seiler, 2012 |

**References**

Aspeborg, H. & Seiler, A. 2012. Järnålder i Rasbo – aktörer, livsmiljöer och hantverk. Utbyggnad av väg 288, sträckan Jälla-Hov.Uppland, Rasbo socken, Leista 7:1, Ôrby 4:3, Rasbo 630:1, Rasbo 664, Rasbo 665, Rasbo 667. UV rapport 2012:160. Stockholm: Riksantikvarieämbetet. Archaeological report, available at: <http://samla.raa.se/xmlui/bitstream/handle/raa/5430/uvr2012_160.pdf?sequence=5>

Branca, A., Helgesson, B., Hårdh, B. & Tegner, M. 1999. Detektorfunna föremål från järnåldern. Översikt av materialet vid årsskiftet 1998/1999. In: Hårdh, B. ed. *Fynden i Centrum. Keramik, glas och metall från Uppåkra* (Acta Archaeologica Lundensia Series in 8°, 30). Stockholm: Almqvist & Wiksell International.

Biuw, A. 1992. *Norra Spånga: bebyggelse och samhälle under järnåldern* (Stockholmsmonografier, 76). Stockholm: Seelig.

Grandin, L. 2011. UV Gal rapport 2011:10. Geoarkeologisk undersökning. Gjuteriavfall från vendel och vikingatid. Analyser av fragmenterade föremål, smältor och droppar Uppland, Rasbo socken, Lejsta 7:1, fornlämning 630:1. Conservation report, available at: <http://samla.raa.se/xmlui/bitstream/handle/raa/5107/uvg2011_010.pdf?sequence=1>

Helander, A. & P. Zetterlund. 1997. Västra Bökestad. Gravfält och bronsgjuteri. Arkeologisk slutundersökning. RAÄ 117 – 118. Linköpings stad och kommun. Östergötland. Riksantikvarieämbetet. Avdelningen för arkeologiska undersökningar. Rapport UV Linköping 997:24.

Hulth, H. 2014: Den skyddande logen. Brandgravar från yngre järnålder samt en och annan medeltida och efterreformatorisk grop på Ultuna Arkeologisk för- och slutundersökning, Fornlämningarna Uppsala 401 & 653, Ultuna 2:23 Uppsala stad (f d Bondkyrko sn), Uppland SAU rapport 2014:1. Archaeological report, available at: <http://www.sau.se/wp-content/uploads/2016/04/sau-rapport-2014_1-webb.pdf>

Ljungkvist, J. 2008. Valsgärde: Development and Change of a Burial Ground over 1300 Years. In: S. Norr, ed. *Valsgärde Studies. The Place and its People, Past and Present* (Occasional papers in archaeology, Opia 42). Uppsala: Department of Archaeology and Ancient History, Uppsala University, pp. 13–55.

Lundqvist, L. 2008. Rika gravar – vanlig boplats. Bronsåler til vendeltid vid Heberg. Arkeologiska rapporter fra Hallands länsmuseer 2008:1. Halland, Årstads socken, Heberg 2:14, RAÄ 163. Archaeological report, available at: <http://kundftp.datahalland.se/kulturmiljo_public/rapporter/Heberg_un_1997__2008_1.pdf>

Minda, I 1989. Ryggknappspännen. Ett analysförsök av materialet från fastlandet och Öland*.* Unpublished MA dissertation, Stockholm University.

Ørsnes, M. 1966. *Form og stil i Sydskandinaviens yngre germanske jernalder*. København: Nationalmuseet.

Nylén, B. & Schönbäck, B. 1994. *Tuna i Badelunda: guld, kvinnor, båtar*, *Bind 2.* Västerås: Västerås Kulturnämnden.

Papmehl-Dufay, L., Nilsson, N., Ericsson, A., Alexandersson, K., Dutra Leivas, I., Ljungkvist, J. & Heimdahl, J. 2013. UM Arkeologisk rapport 2013:6, E22 Förbifart Rinkabyholm. Arkeologiska förundersökningar 2013. Lokalerna Hossmo Väst, Hossmo Öst, Skyttlahagen och Trafikplats E22/Väg 25. Fastigheterna Hossmo 3:1, Rinkaby 9:2, 13:3 och Dörby 8:7, Hossmo och Dörby socknar, Kalmar län. Archaeological report, available at: <https://www.kalmarlansmuseum.se/site/assets/files/9872/13_10_hossmo_lagupplost.pdf>

Stilborg, O. 2015. Brudarna i Berga. Ny rapport om en gammal undersökning av ett vendel- och vikingatida gravfält. RAÄ 60:1, Berga, S:t Lars socken, Linköpings stad, Östergötlands län. Arkeologisk slutundersökning. Archaeological report, available at: <http://samla.raa.se/xmlui/handle/raa/9664>

Seiler, A. & Appelgren, K. 2012. Inehålskullen – ett mångtydigt gravfält från yngre bronsålder – äldre vikingatid. UV Rapport 2012:158. Arkeologisk undersökning. Riksantikvarieämbetetet. Archaeological report, available at: <http://samla.raa.se/xmlui/bitstream/handle/raa/5264/0_uvr2012_158_text.pdf?sequence=5&isAllowed=y>

Serning, I., 1966. *Dalarnas järnålder.* Stockholm: Almqvist & Wiksell,.

Wilson, L., Bolin, H., Cassel, K. and Eriksson, M. 1997. El8 Köping —Arboga. Gravar och boplatser. UV Uppsala Rapport 1997:55. Riksantikvarieämbetet.