Supplemental Figures from Watts et al., “Early Evidence for Brilliant Ritualized Display: Specularite Use in the Northern Cape (South Africa) between ~500 and ~300 Ka”
(Current Anthropology, vol. 57, no. 3, p. 287)
Figure S1. Kathu Pan 1 pigments. A, Scraped specularite, stratum 4a, F23, 40–60 cm. Scraped over most of one main surface. Inset shows close-up of initial entry points of scraping striations in top left corner. B, Possibly ground specularite, stratum 4a, F23, 40–60 cm. Corroded flat face, with remnant of original surface on far left, bearing short sections of two worn, parallel striae. Possible third striation lying above these, extending onto the corroded surface. C, Nodule of possibly ground specularite, stratum 3, F23, 30–40 cm. Illustrated face is exceptionally flat, as is the face whose straight edge can be seen in the top right corner. D, Ground specular-hematite, stratum 4b, B20, 120–140 cm. No clear striations, but up to seven flat facets, at least four of which are represented here. Insets show close-ups of facets a and b. E, Unmodified soft, greasy hematite, stratum 4a, D20, 80–90 cm. Fine specularite veining visible on the left of the image. F, Ground “weathered hematite,” KP1 mixed stratum 4a/4b, C20, 80–100 cm. Note the brighter, scuffed area on the right edge.
Figure S2. Ferruginous nodules and veins in the upper reaches of the dolomite above Wonderwerk Cave, just below the conformable contact with banded ironstone formation.
Figure S3. Wonderwerk Cave, excavation 1, material from Acheulean contexts. A, Chip of ground pigment (indeterminate hematitic material), stratum 8a, S29, 0–5 cm. B, Scraped dolomite, stratum 9b, S29, 40–48 cm. C, Probable cave sediment, stratum 11, R24, 15–20 cm. Bagged by P. Beaumont as “haematite,” hardness 1, streak 4430 Y50R. D, Weathered dolomite with small ferruginous nodules along lower edge, stratum 9d-e, S29, 15–20 cm.
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Figure S4. Wonderwerk Cave, excavation 6, stratum 3. A, Scraped dolomite, V149, 100–105 cm. B, Gouged specularite, AA146, 125–130 cm. C, Edge-ground specularite cobble, U151, 115–120 cm. Insets show main facet and a minor facet. D, Two views of specularite veined quartz, X149, 175–180 cm. Except for A, all are categorized as pigment.
Figure S5. Wonderwerk Cave, excavation 6, stratum 3 pigments. A, Greasy hematite, V151, 80–85 cm. Inset shows close-up of possible artefactual gouge on the reverse. B, Unutilized greasy hematite, U151, 80–85 cm. C, Ground “weathered iron hydroxide,” U151, 145–150 cm.
Figure S6. Wonderwerk Cave, excavation 6, stratum 4 possible pigments. A, Scraped weathered dolomite, stratum 4b, U148, 55–60 cm. B, Incised banded ironstone, stratum 4, W146, 30–40 cm. Other images of this piece published in Chazan and Horwitz 2009 and Jacobson et al. 2012.
Figure S7. Canteen Kopje. A, Ground specularite, area 1 excavation, unit 2A, 0–10 cm, with side view showing small edge-ground facet (no clear striae). See CA+ supplement fig. S8 for streak. B and C, Jaspelite blades with characteristic round white fossils, area 1 excavation, unit 2A, top 30 cm.
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Figure S8. Raw material and streak blocks. A, Mashwening specularite. B, Mashwening “greasy hematite” with areas of harder specularite. MSHA = streak block from Mashwening specularite (A); Natural Colour System (NCS) 7700 N. MSHb = streak block from the softest, greasy area of B, NCS 5030 R. CK = streak block from Canteen Kopje specularite, NCS 6410 R10B. KP = streak block of Kathu Pan Stratum 4a greasy hematite, D20, 80–90 cm, NCS 5230 R (see CA+ supplement fig. S1E). WWa = streak block from Wonderwerk excavation 6 greasy hematite, VI51, 80–85 cm, NCS 7213 Y70R (see CA+ supplement fig. S5A). WWb = streak block from Wonderwerk excavation 6 greasy hematite, U151, 80–85 cm, NCS 5530 Y90R (see CA+ supplement fig. S5B).