A000-Eur-England-Northfleet-Kent-Clactonian Ridged Biface-424,000 BP-374,000 BP

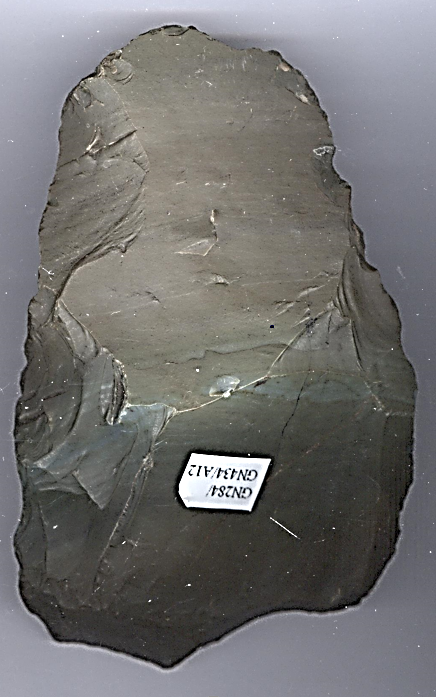
 

Fig. 1. Ventral side, Eur-England-Northfleet-Kent-Clactonian Ridged Biface-424,000 BP-374,000 BP

Fig. 2. Dorsal side, Eur-England-Northfleet-Kent-Clactonian Ridged Biface-424,000 BP-374,000 BP

Fig. 3. A reconstruction of *Homo erectus* at the Westfälisches Landesmuseum, Herne, Germany, in a 2006 exhibition. From <https://upload.wikimedia.org/wikipedia/commons/thumb/c/cb/Homo_erectus_new.JPG/200px-Homo_erectus_new.JPG>

**Formal Label:** Eur-England-Northfleet-Kent-Clactonian Ridged Biface-424,000 BP-374,000 BP

**Display description:** Clactonian refers to the flint tools found in a paleo-channel at Clacton-on-Sea in Essex, England, in 1911 (Warren 1922). The present tool was found in the Northfleet area, near the destroyed flint quarries of Barnfield Pit and Rickson's Pit, Swanscombe, Kent County, England, previously noted for their Clactonian artifacts (Tester 1984).It has extensive retouch on its lateral and distal edges. It was made by *Homo erectus* in the early Hoxnian Interglacial, Marine Isotope Stage 11, 424,000 BP-374,000 BP (Lisiecki and Raymo 2005; Stringer 2006).

**Accession Number: A13**

**LC Classification:** GN772.22.G7

**Date or Time Horizon:** 424,000 BP-374,000 BP

**Geographical Area:** Northfleet near Swanscombe, Kent

**Map, GPS Coordinates:** 0.33694, 51.441072; 51° 26' 27.859" N 0° 20' 12.984" E.



Fig.3. “Swanscombe and neighboring Paleolithic sites on the south side of the valley of the Thames, below London,” after Keith 1916, Fig. 56.

Fig. 4. Map of Swanscombe and Northfleet on the south side of the valley of the Thames, below London, up to 1996, where Paleolithic peoples sought flint in the chalk outcrops and areas of quarries. After [LinguisticDemographer](https://en.wikipedia.org/wiki/User:LinguisticDemographer) at [English Wikipedia](https://en.wikipedia.org/wiki/).

**Cultural Affiliation:** Lower Paleolithic, Clactonian

**Medium:** Flint

**Dimensions: H 18 cm; W 11 cm.  
Weight: 472 gm; 1 lb .5 oz**

**Provenance: Old English collection of flint artifacts from field walking the Sweanscombe area from 1920’s**

**Condition:** original with ancient patination.

**Discussion:** This Clactonian biface, 424,000 BP-374,000 BP found near Swanscombe, Kent, has been flaked from a thick elongated flint cobble and has been bifacially worked to form a flattened, retouched distal blade. The prominent bulb of percussion of the flakes indicates use of a hammerstone for more controlled and regulated shapes than was possible with the Olduwan technology. This made it possible for this Clactonian flint tool to have a well-controlled bulb of percussion making a two-finger grip on its proximal end on its dorsal side.

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