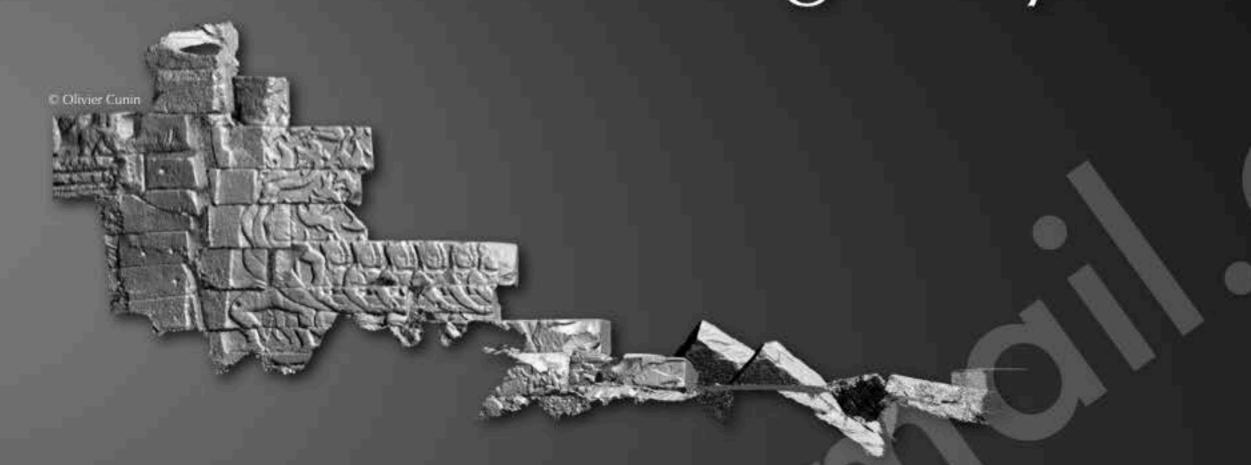
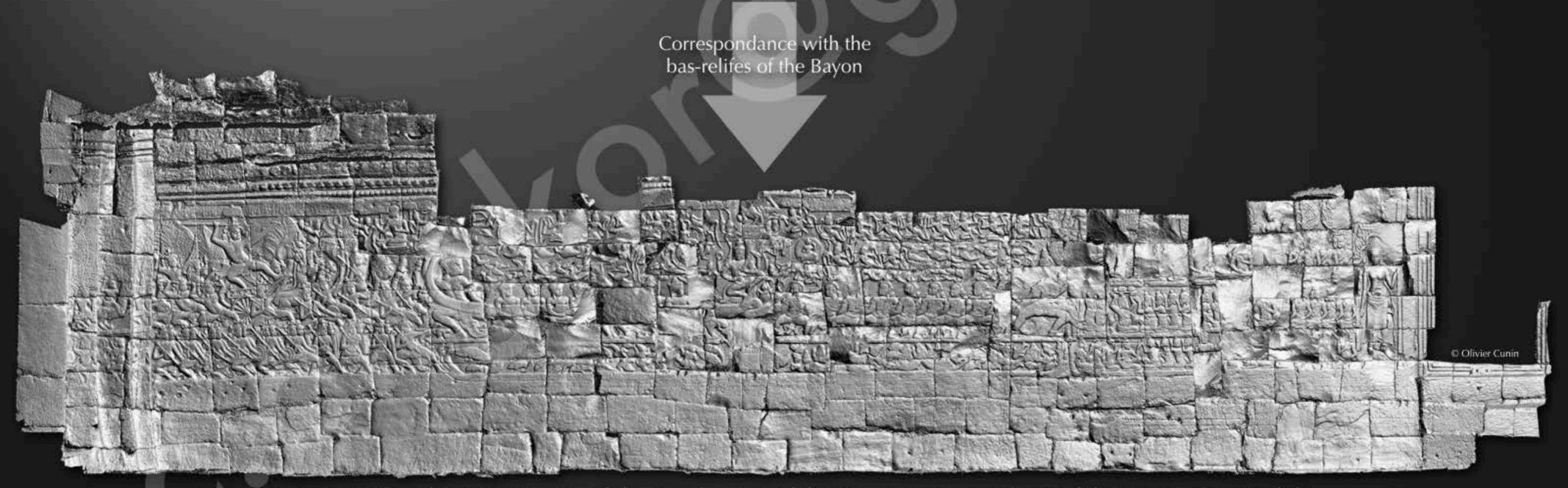


The 3rd enclosure - Western gallery - North wing



3D scanning by photogrammetry of the North end of the North wing of the Western gallery of the third enclosure of Banteay Chhmar depicted the Churnining of the Ocean of Milk (These bas-reliefs are not documented at the photos archives of EFEO)



3D scanning by photogrammetry of the North wing of the Western inner gallery of the Bayon depicted the Churnining of the Ocean of Milk

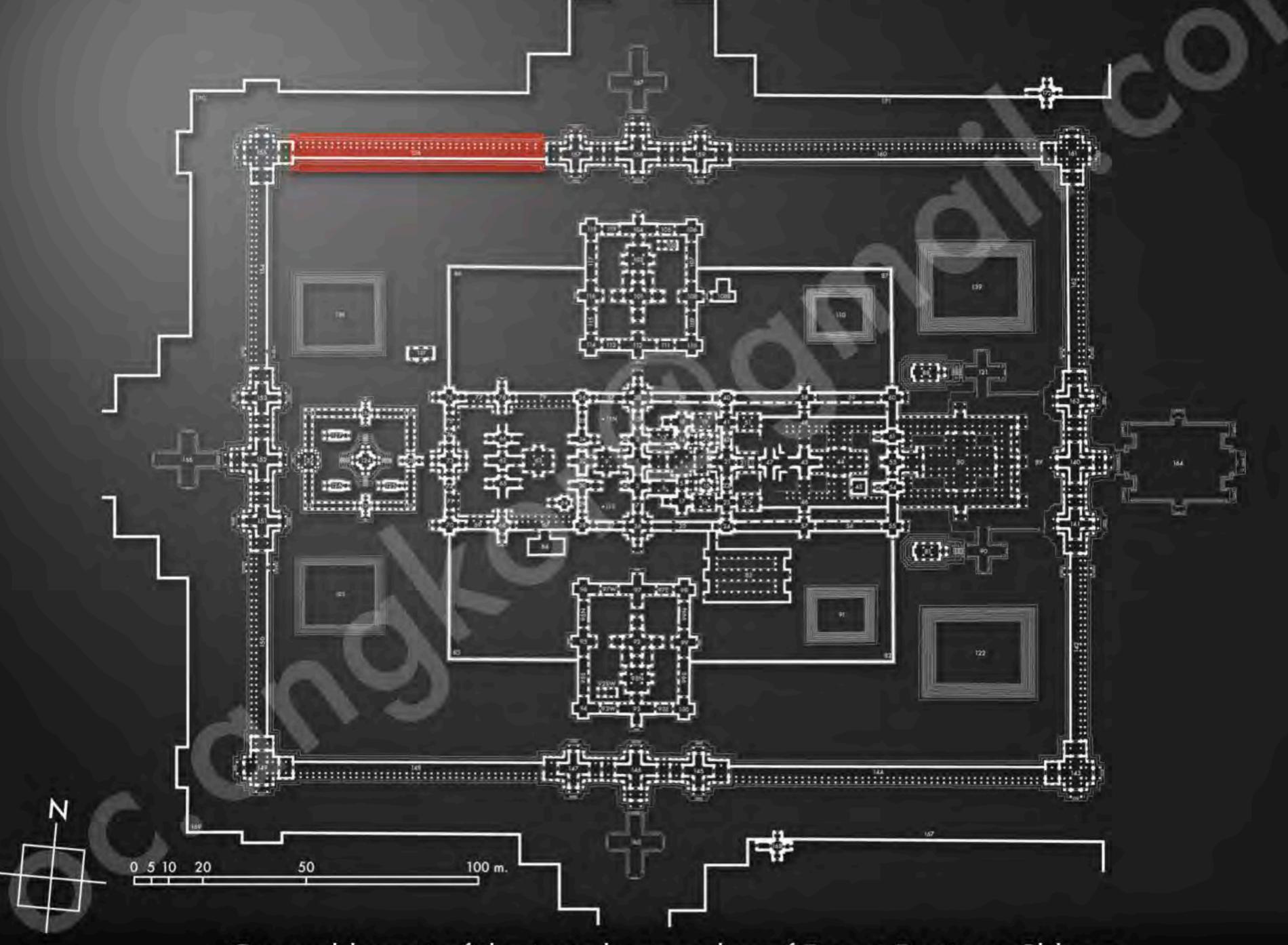
Correspondance between the bas-reliefs of the Bayon and Prasat Bantheay Chhmar

The 3rd enclosure - Western gallery - North wing



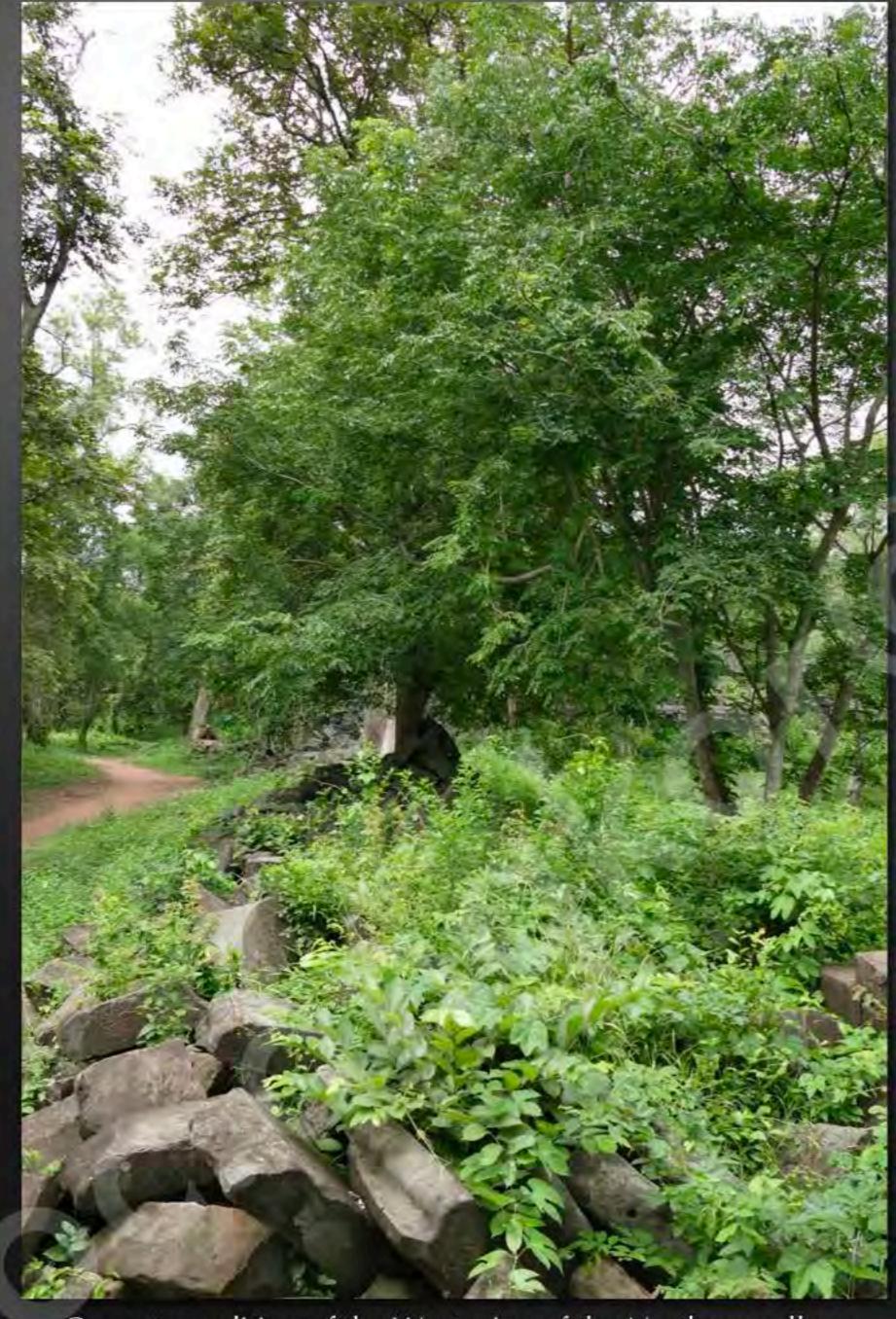
- 50% of surface of the masonry of the wall of the bas-reliefs are currently collapsed
- 67% of surface of the narrative are unknown and not documented
- Unsafe access for the tourists

The 3rd enclosure - Northern gallery - West wing

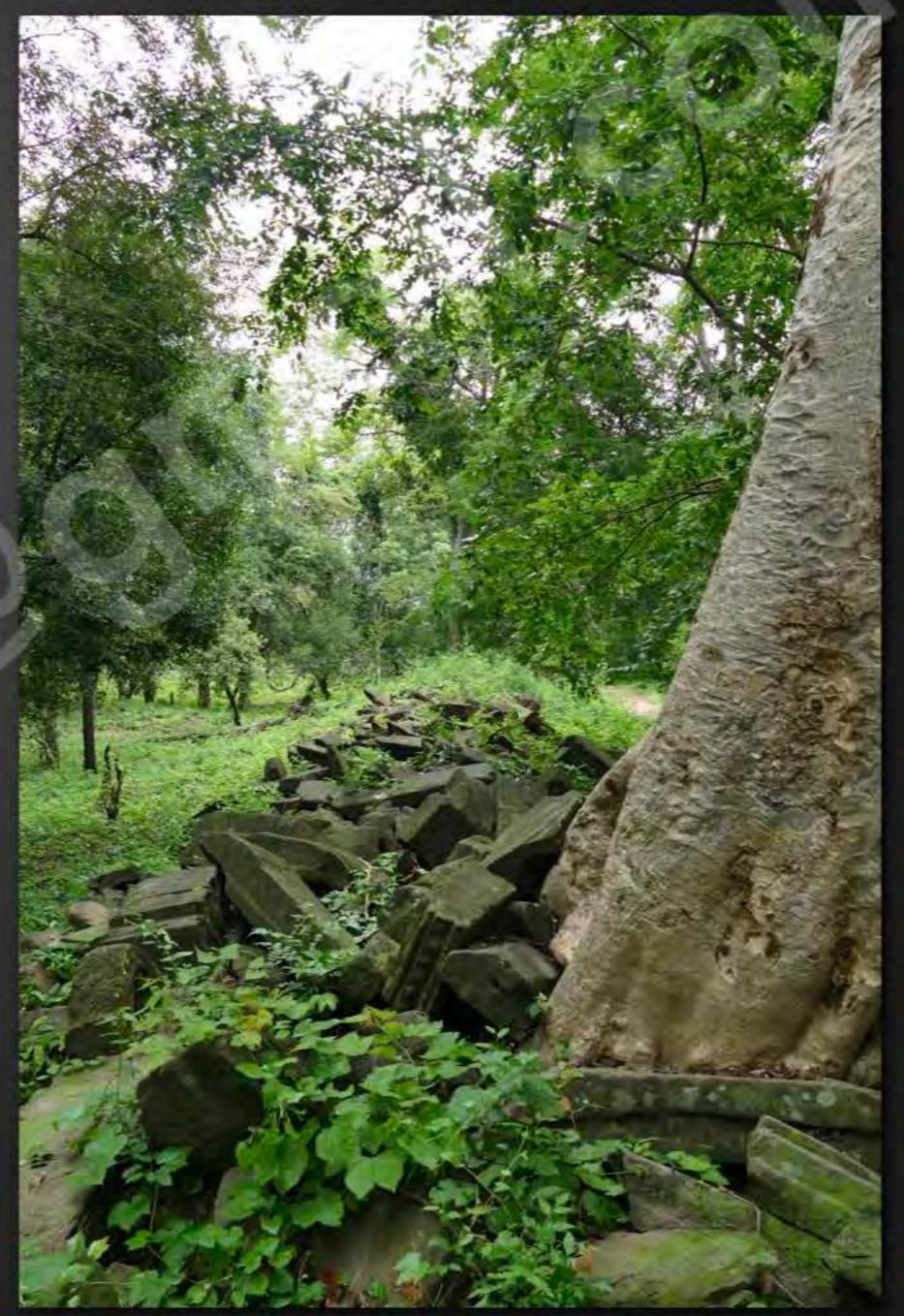


General layout of the temple complex of Prasat Banteay Chhmar

The 3rd enclosure - Northern gallery - West wing



Current condition of the West wing of the Northern gallery View from West to East (September 2015)

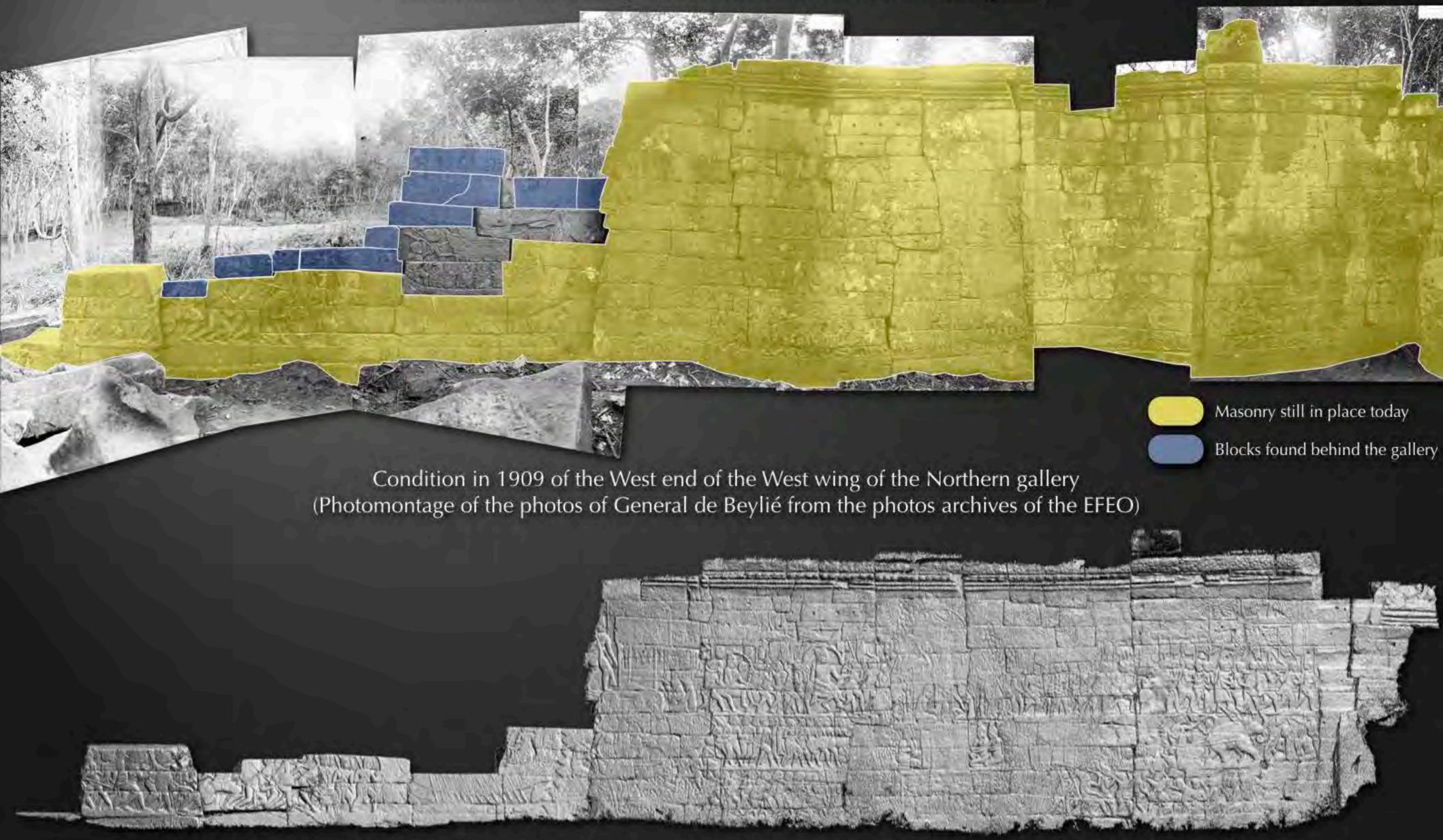


Current condition of the West wing of the Northern gallery View from East to West (September 2015)



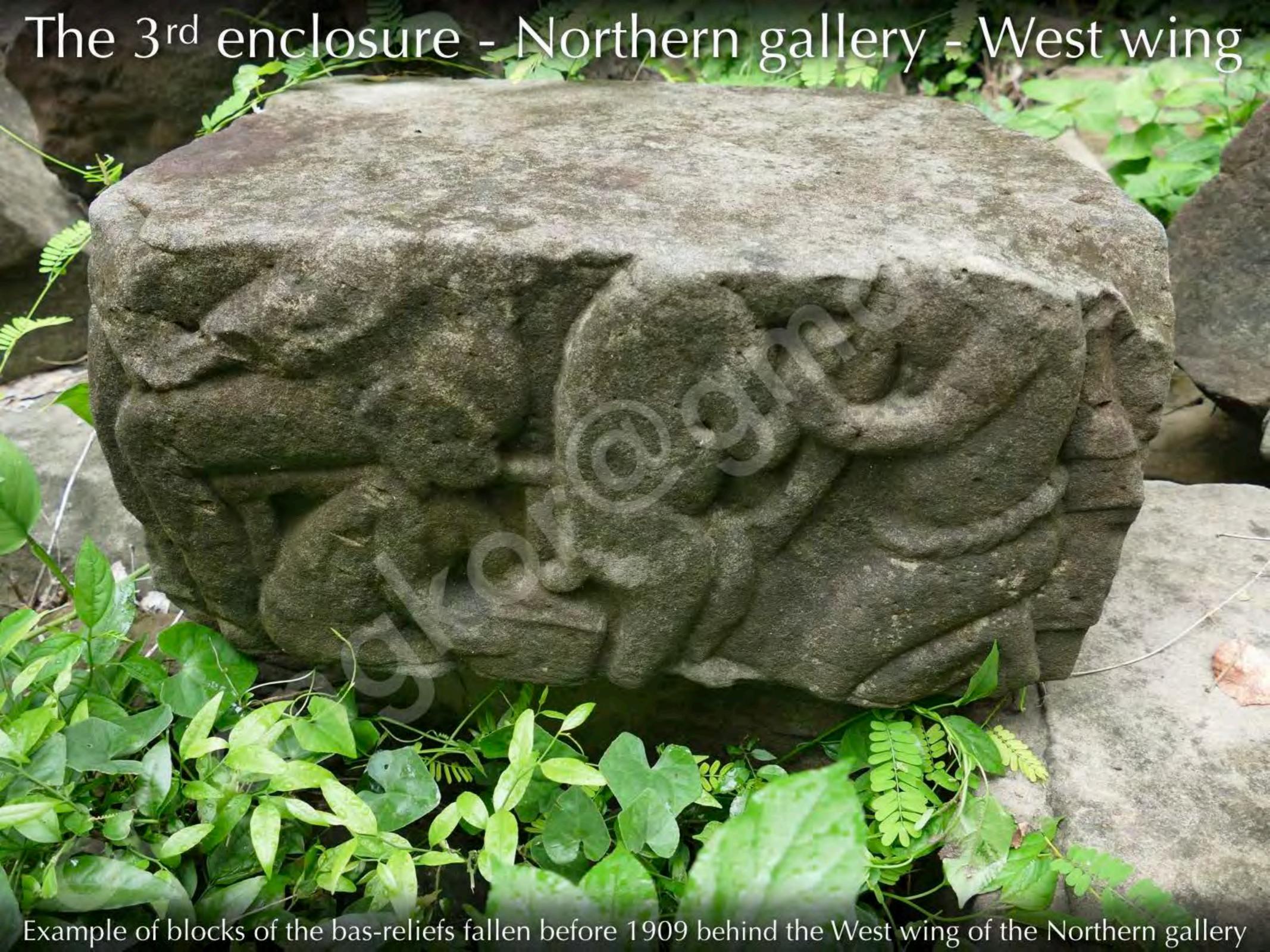
3D scanning by photogrammetry of the current condition of the West end of the West wing of the Northern gallery

Preliminary inventory of the blocks fallen behind the gallery



3D scanning by photogrammetry of the current condition of the West end of the West wing of the Northern gallery









Condition in 1909 of the East end of the West wing of the Northern gallery (Photomontage of the photos of General de Beylié from the photos archives of the EFEO)



3D scanning by photogrammetry of the current condition of the East end of the West wing of the Northern gallery

Preliminary inventory of the blocks fallen behind the gallery



Condition in 1909 of the East end of the West wing of the Northern gallery (Photomontage of the photos of General de Beylié from the photos archives of the EFEO)



3D scanning by photogrammetry of the current condition of the East end of the West wing of the Northern gallery



Masonry still in place today



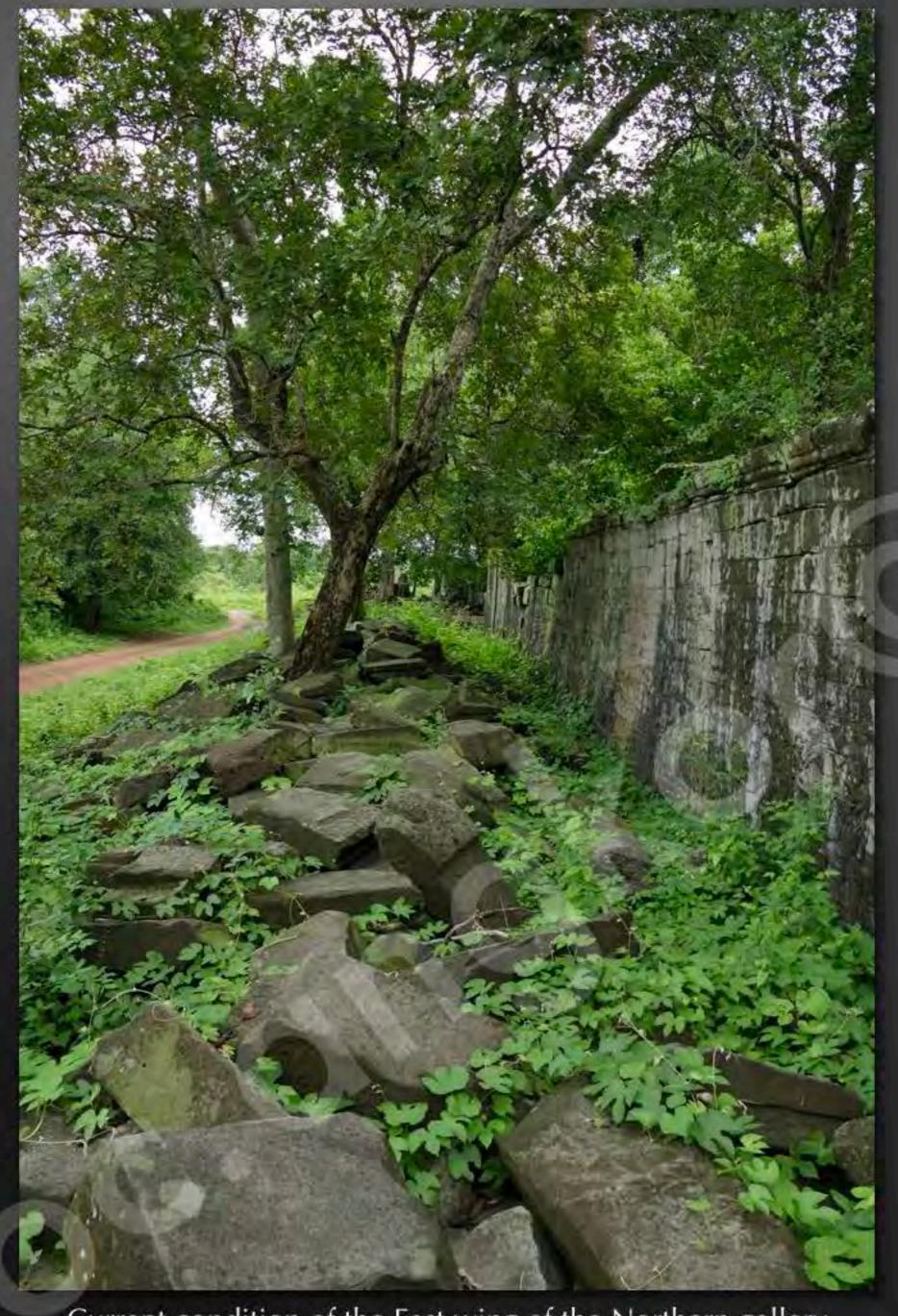
Blocks found behind the gallery



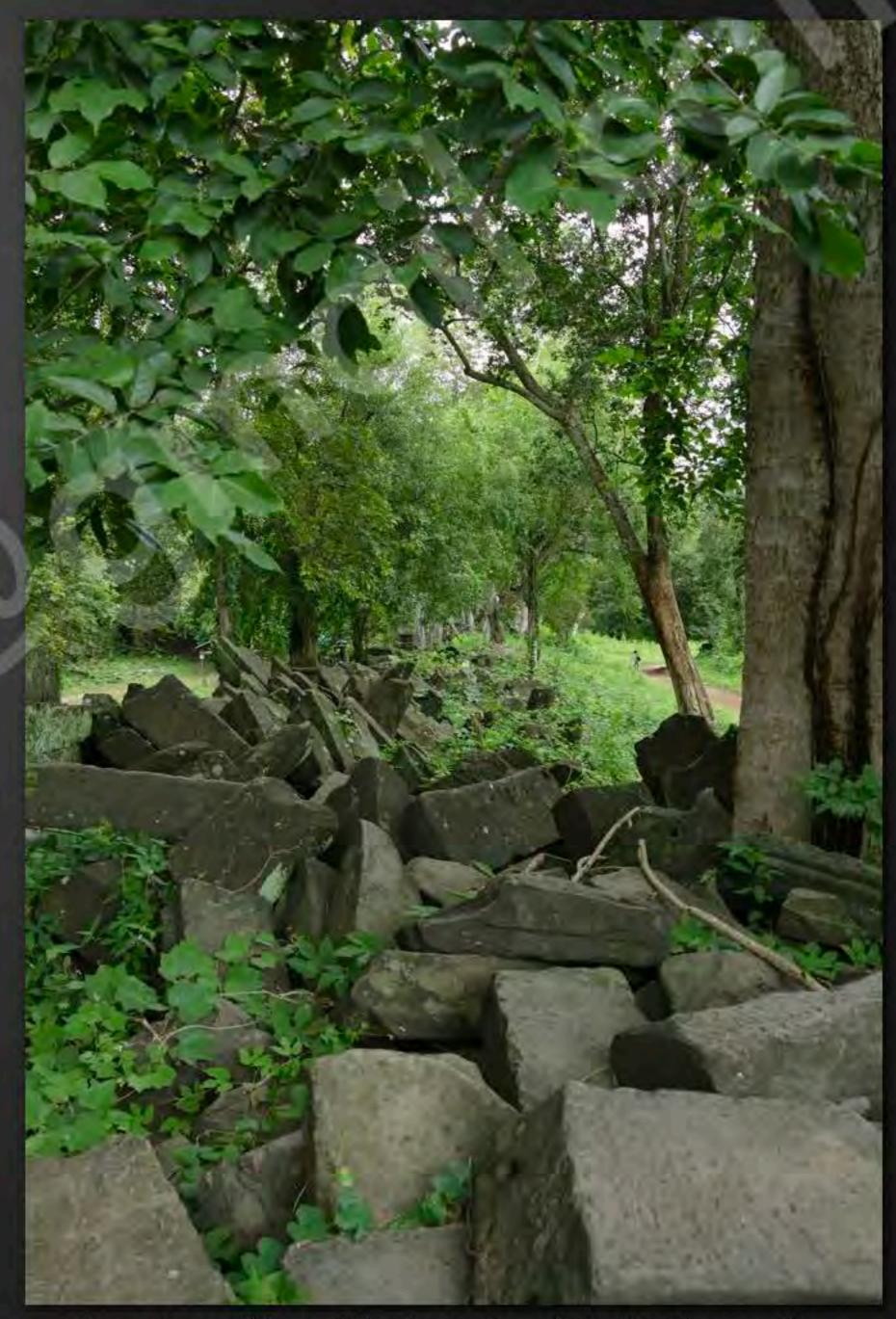
- 56% of surface of the masonry of the wall of the bas-reliefs are currently collapsed
- 81% of surface of the narrative are unknown and not documented
- Unsafe access for the tourists

The 3rd enclosure - Northern gallery - East wing 0 5 10 20 100 m.

General layout of the temple complex of Prasat Banteay Chhmar



Current condition of the East wing of the Northern gallery View from West to East (September 2015)



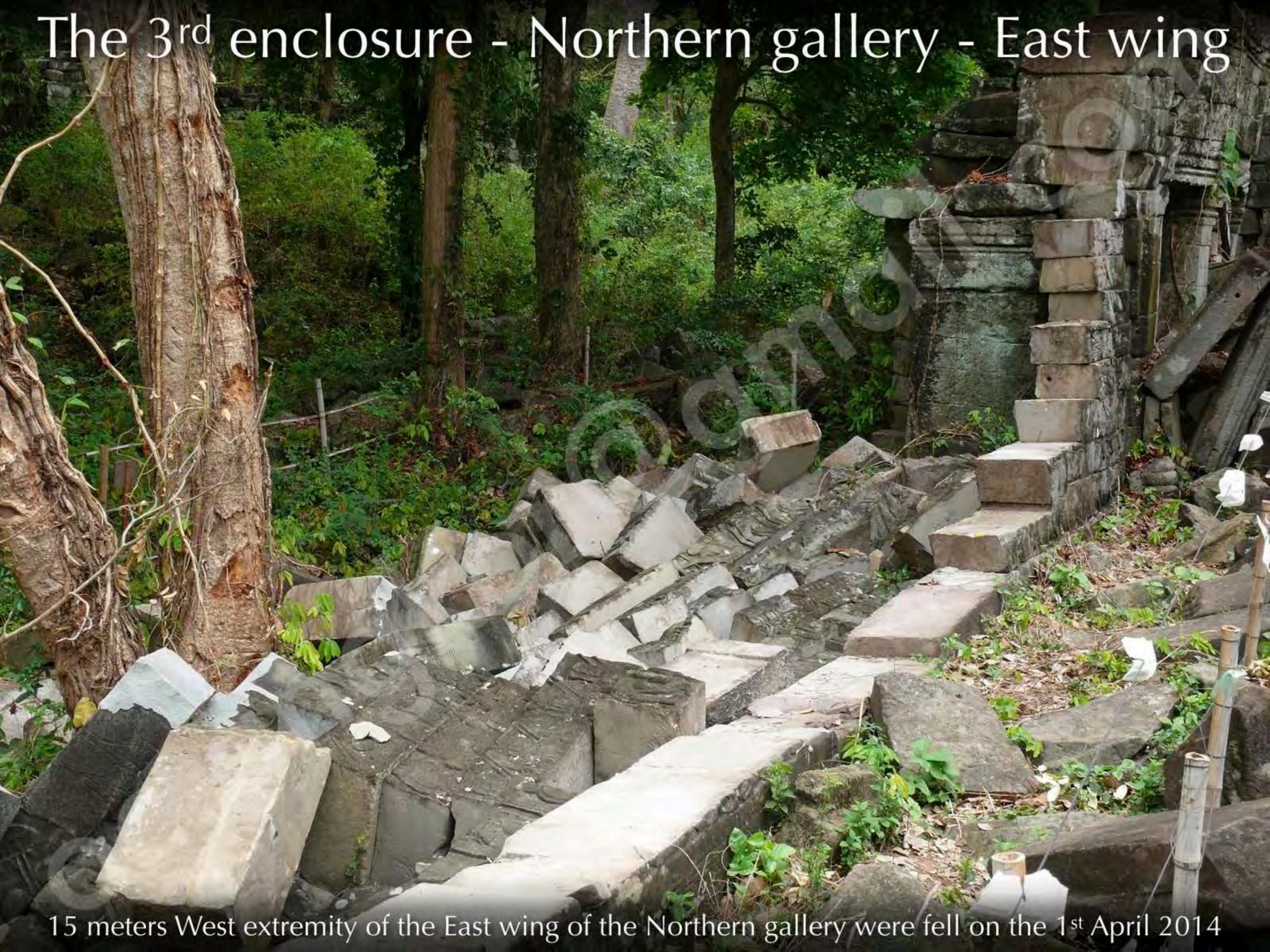
Current condition of the East wing of the Northern gallery View from East to West (September 2015)



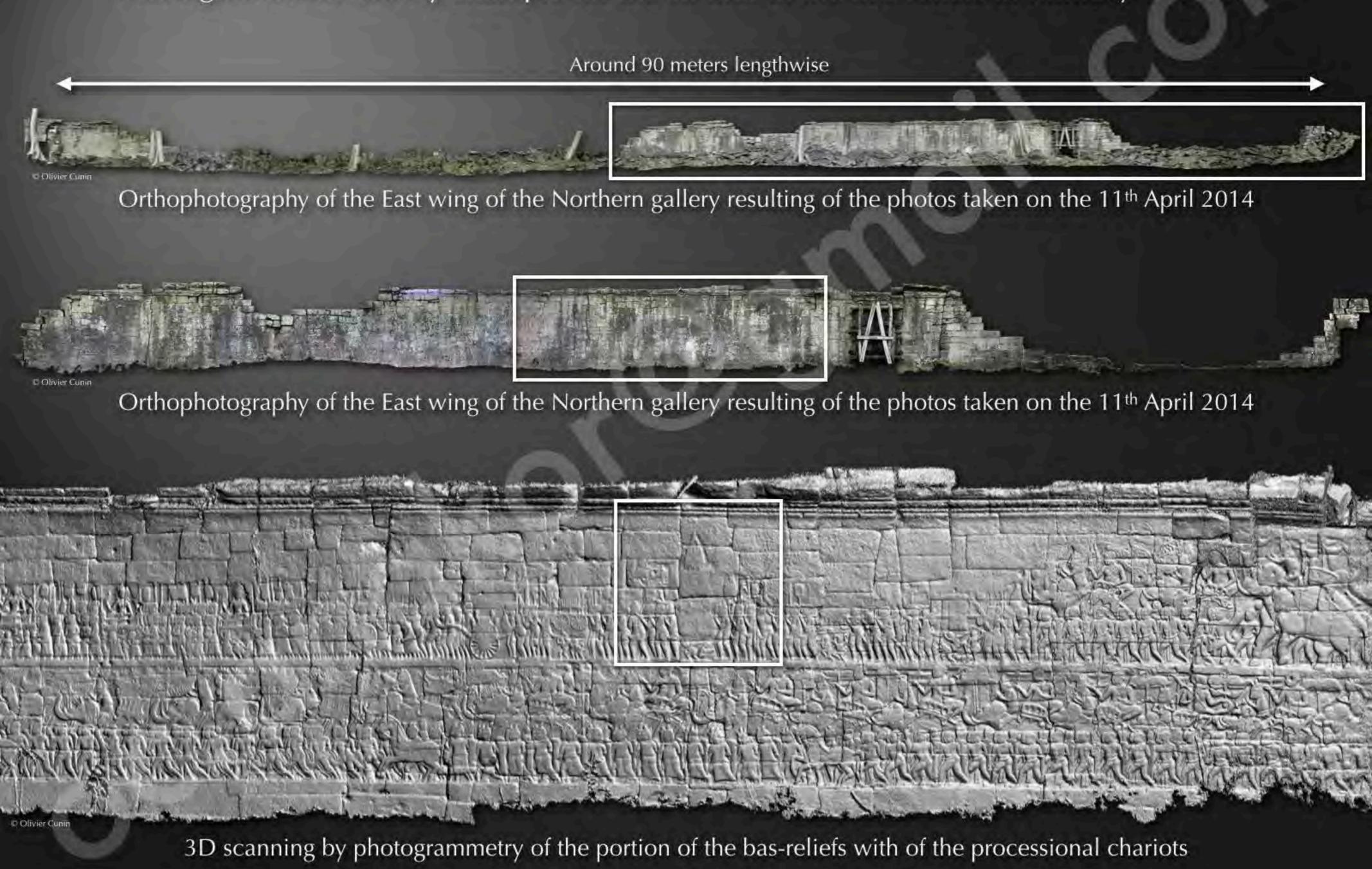
Condition in 1909 of the West side of the East wing of the Northern gallery (Photomontage of the photos of General de Beylié from the photos archives of the EFEO)



3D scanning by photogrammatry of the current condition of the West side of the East wing of the Northern gallery

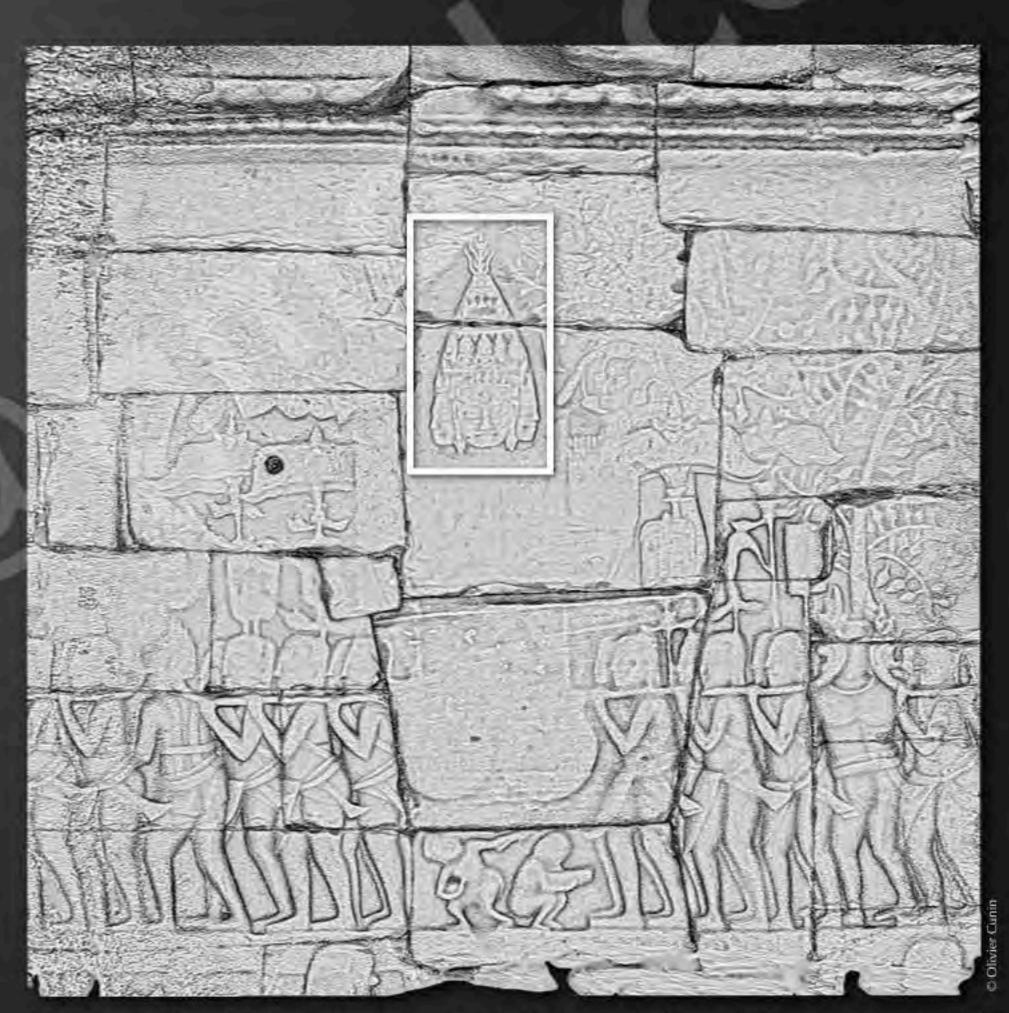








3D scanning by photogrammetry of the processional chariot with face tower at the East wing of the Northern gallery



3D scanning photogrammetry in radiance scaling of the processional chariot with face tower at the East wing of the Northern gallery



Detail of the 3D scanning by photogrammetry of the processional chariot with face tower

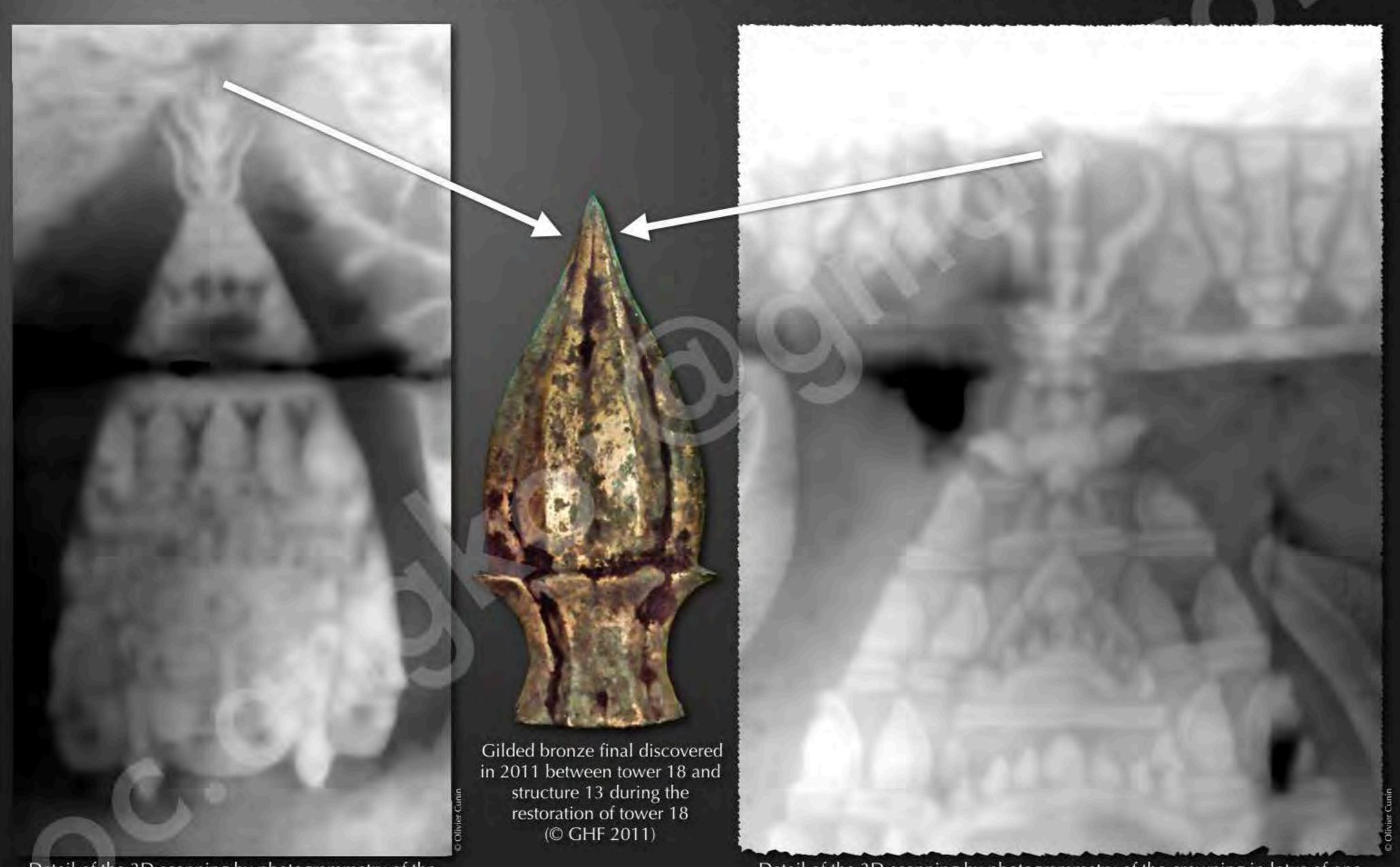


Detail of the 3D scanning by photogrammetry of the crowning in lotus of one figured Prasat at the inner gallery of the Bayon



Detail of the 3D scanning by photogrammetry of the processional chariot with face tower in depthmap

Detail of the 3D scanning by photogrammetry of the crowning in lotus of one figured Prasat at the inner gallery of the Bayon in depthmap



Detail of the 3D scanning by photogrammetry of the processional chariot with face tower in depthmap

Detail of the 3D scanning by photogrammetry of the crowning in lotus of one figured Prasat at the inner gallery of the Bayon in depthmap



Detail of the 3D scanning by photogrammetry of the processional chariot with face tower in depthmap

Tower 64 with crowning with worshippers and angle figures (2002)

Photogrammetric survey example for the elaboration of the risk map of the wall of the bas-reliefs of Banteay Chhmar

Black means the panel inclines inward the gallery

White means the panel inclines outward of the gallery

3D scanning in depthmap resulting of the photos taken in 2002

Lean forwards

Photogrammetric survey example for the elaboration of the risk map of the wall of the bas-reliefs of Banteay Chhmar



3D scanning in depht map of the East segment of the Northern gallery resulting of the photos taken on the 11th April 2014



Lean forwards

Lean backwards

Photogrammetric survey example for the elaboration of the risk map of the wall of the bas-reliefs of Banteay Chhmar



3D scanning in depht map of the East segment of the Northern gallery resulting of the photos taken on the 11th April 2014



Lean forwards

Lean backwards

