

Re: New research forces U–turn in population migration theory

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- *From:* Jack Linthicum <[jacklinthicum@xxxxxxxxxxxxxx](mailto:jacklinthicum@xxxxxxxxxxxxxx)>
  - *Date:* Sat, 24 May 2008 04:15:44 –0700 (PDT)
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On May 24, 3:19 am, "benli...@xxxxxxxxxx" <[benli...@xxxxxxxxxx](mailto:benli...@xxxxxxxxxx)> wrote:

On May 24, 10:15 am, Jack Linthicum <[jacklinthi...@xxxxxxxxxxxxxx](mailto:jacklinthi...@xxxxxxxxxxxxxx)> wrote:

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University of Leeds  
New research forces U–turn in population migration theory

Research led by the University of Leeds has discovered genetic evidence that overturns existing theories about human migration into Island Southeast Asia (covering the Philippines, Indonesia and Malaysian Borneo) – taking the timeline back by nearly 10,000 years.

Prevailing theory suggests that the present–day populations of Island Southeast Asia (ISEA) originate largely from a Neolithic expansion from Taiwan driven by rice agriculture about 4,000 years ago – the so–called "Out of Taiwan" model.

However an international research team, led by the UK's first Professor of Archaeogenetics, Martin Richards, has shown that a

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substantial fraction of their mitochondrial DNA lineages (inherited down the female line of descent), have been evolving within ISEA for a much longer period, possibly since modern humans arrived some 50,000 years ago.

Moreover, the lineage can be shown to have actually expanded in the opposite direction – into Taiwan – within the last 10,000 years.

Says Professor Richards: I think the study results are going to be a big surpri