

-
- : John J. Wiens
 - : “Climate-Related Local Extinctions Are Already Widespread among Plant and Animal Species” (2016.12.8)
 - :
 - : PLOS Biology “Climate-Related Local Extinctions Are Already Widespread among Plant and Animal Species”
-

[]

(climatic niche)[]

edges)— 가 “ 가 ”(warm

976 가 47%가 (clades)[

(39%) , (46%) , (55%) , (39%) , (50%)
(51%) (74%)

100

가 2 5

=====

[]

가

가

“ 가

”

976 가

47%

) , ()

가

가



< 가 >

* iflscience.com
Study Confirms ”

“Humanity Is In The Existential Danger Zone,

가

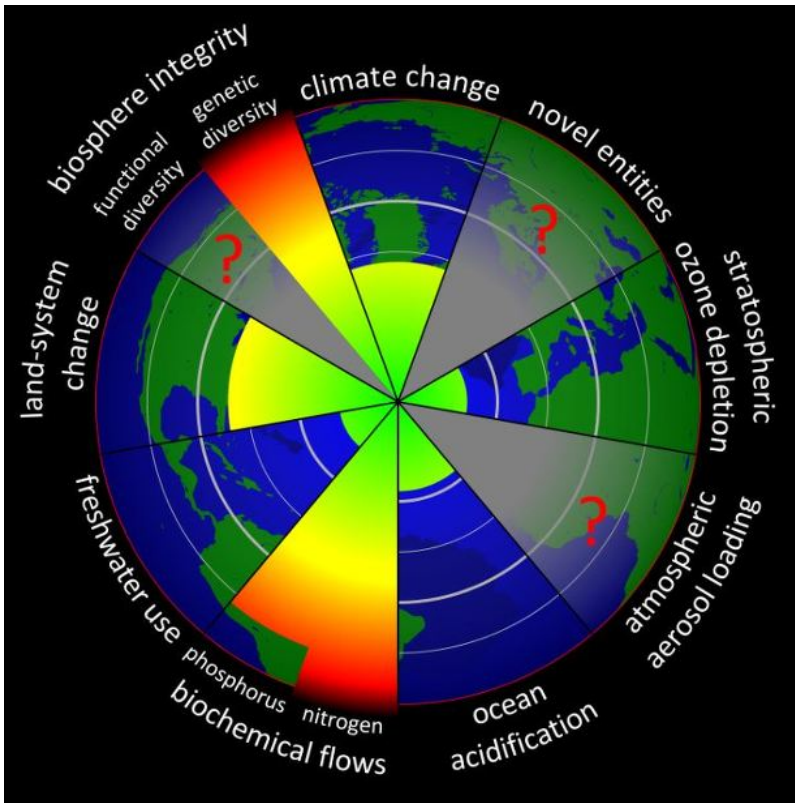
가

2009

(Johan Rockstrom)

9

가 가 가



“ 11,000

'(Holocene)

가

가

“

가

가

'(Anthropocene)

가

”

(...)

“ 가 . 1 10 .
100 1000 가 .
가 가
.”