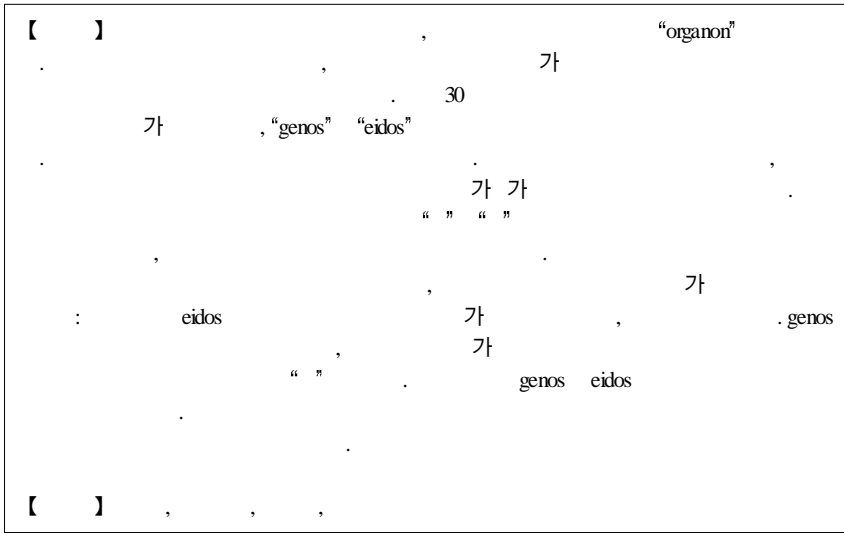


()



1.

“ ”(organon)

6

,¹⁾ 가

, ,²⁾ 가

1) W. K. C. Guthrie 1983 (11981), *A History of Greek Philosophy*, Vol 6, Cambridge, 135

2) *Top.* VI 6, 145a 15 ff.; *Met.* VI 1, 1025b 25 ff.

, organon

가

:

가

가

가?

가?
가

가,

3)

가

가?

20

가

2000

20

가

가

W.

Kullmann

1974

Wissenschaft und Methode

An. post.

: *An. post.* (=Analytica posteriora); *Cat.* (=Categoriae); *De gen. an.* (=De generatione animalium); *De part. an.* (=De partibus animalium); *Hist. an.* (=Historia animalium); *Met.* (=Metaphysica); *Top.* (=Topik).

3) *De gen. an.* IV 1, 766a 6, a 23; *De part. an.* I 1, 642a 11, I 5, 645b 14.

가 가 , (hoti)
(dioti)

4) Kullmann

가 가 가 가
가 , , 5)

Kullmann

Kullmann

. 30 , “genos” “eidos”
가

eidos genos , species genus, Art
Gattung, espèce genre가 가 .
“ ” “ ”

eidos genos

가

가 6)

4) W. Kullmann 1974, *Wissenschaft und Methode*, Berlin-New York, 204-220 300-341

5) . A. Gotthelf (ed.) 1985, *Aristotle on Nature and Living Things*, Pittsburgh and Bristol; A. Gotthelf and J. Lennox (ed.) 1987, *Philosophical issues in Aristotle's biology*, Cambridge; D. Devereux et P. Pellegrin (ed.) 1990, *Biologie, Logique et Métaphysique chez Aristote*, Paris; W. Kullmann und S. Föllinger (Hrsg.) 1997, *Aristotelische Biologie. Intentionen, Methoden, Ergebnisse* (Philosophie der Antike Bd. 6), Stuttgart; H.-Ch. Günther und A. Rengakos (Hrsg.) 1997, *Beträge zur antiken Philosophie* (Festschrift für Wolfgang Kullmann), Stuttgart.

6) eidos genos
. eidos 가 가
가 eidos 가 가 가 가
가 , 가 ,

가 , 가 .

가 , 가

20 가

Balme ‘GENOS and EIDOS in Aristotle's Biology’ 7)

Balme genos eidos 가

(genus) (species) , 가

Balme . ,

, genos eidos가 ,

가 , Hist. an.

Balme . Balme genos 가

가 “ ”

가 , eidos genos

. genos eidos , Balme ,

가

, genos 가

, eidos 가 8)

Balme P. Pellegrin Aristotle's Classification of Animals 9) Pellegrin Balme

eidos . genos “gen”, “gen-technic”

, “ (genesis) 가 . 가 ,

가 “ ” , genos

“ ” .

Le Blond 1970 (11939), Logique et méthode chez Aristote, Paris, 72 .

7) D. Balme 1962, ‘GENOS and EIDOS in Aristotle's Biology’, Classical Quaterly NS XII, 81-98.

8) Balme 1962, 87: “genos means a ‘kind’ at any level from the most abstract group to the immediately visible type. eidos is far less commonly used, and represents no group that genos does not also represent. If they differ in meaning, the difference is not that of higher and lower rungs on the same ladder. They belong to different ladders, and the original difference sometimes shows through, genos being a statement about kinship and eidos a statement about shape or form.”

9) P. Pellegrin 1986, Aristotle's Classification of Animals. Biology and the Conceptual Unity of the

가 가 genos eidos가
 . Balme
 , Pellegrin
 . Pellegrin
 eidos genos .
 가 eidos ,
 genos .10) 가
 “ ”
 eidos , “ ”
 genos . genos eidos가
 ,
 . “ ”
 .11) Pellegrin
 “ 가
 가 ” .12)
 Balme Pellegrin 가 , eidos genos
 . eidos가
 Pellegrin
 .13) Balme Pellegrin
 Balme Pellegrin 가
 . 가 가
 genos eidos
 . genos eidos

Aristotelian Corpus, Berkeley-Los Angeles-London; 1985, 'Aristotle: A Zoology without Species', in: A. Gotthelf (ed.) 1985, 103 .

10) Pellegrin 1986, 94 .

11) Pellegrin 1986, 82 : “genos and eidos are notions that wander too much to supply a stable basis for an animal taxonomy”.

12) Pellegrin 1987, 'Logical difference and biological difference: the unity of Aristotle's thought', in: A. Gotthelf and J. Lennox (ed.) 1987, 313 .

13) G.E.R. Lloyd 1990, 'Aristotle's zoology and his metaphysics; The status quaestionis. A critical reviews of some recent theories', in: D. Devereux et P. Pellegrin (ed) 1990, 8 ; A.L. Peck 1993 (1965), *Aristotle. History of Animals*, I- III, lxiv f. .

. genos eidos가

2.

symbebēkota) genos eidos (diaphora), (idia), (ta .14)

가 . Cat. 가

.15)

가

, genos eidos가
“ ” “ ”

, Cat.

Top.

Cat. eidos genos가

가

“ ” “ ”

가 가

(ousia) .16)

가

가

(kata symbebēkos, per accidens)

14) D. Ross eidos “the central point of his logic” . D. Ross 1953 (11923), Aristotle, London, 24

15) Porphyrius 1995, ‘Einleitung in die Kategorien’, in: *Aristoteles. Philosophische Schriften in sechs Bänden*. Bd. 1, übers. v. E. Rolfes, Hamburg.

16) *Cat.* 5, 2a 11 *Met.* VII 3, 1028b 36

“ 가 가 170cm ” , “
 ” . 가
 , 가 가 “ ” 가
 . “ ” ,
 “ ” “ 가?” ,
 “ ” “ ” “ ”
 ” “ ” 가 “ ” .
 “ ” “ ” eidos genos , (prōtē
 ousia) (deutera ousia)
 “ ” “ ”, eidos genos 가
 가 . 가
 genos eidos .
 : “ eidos genos eidos genos
 . eidos genos genos
 eidos 가 , eidos genos 가 .
 eidos가 genos ”¹⁷⁾
 Cat. eidos genos가
 “ ” “ ”
 eidos genos가 “ ” “ ” Top.
 . genos
 Top. 4 6 , genos
 (diaphorai) .¹⁸⁾ 가 , genos
 “ 가 ” .
 , 가 .
 , - (Hylemorphismus)
 , 가 , .

17) Cat. 5, 2b 17-22.

18) Top. I 8, 103b 5; VII 5, 154a 27-8.

가

가가

“ ”

.19) genos “ ”

genos, “ 가 ”

“ 가 ”

가 “ ”

“ 가 ” “ ”

” “ 가 ” “ ”

.20)

genos 가

, genos가 가

가 eidos . eidos , genos

“ genos eidos .”21)

eidos genos

, eidos . “genos 가 eidos

, eidos () .”22)

genos 가 eidos

가

genos eidos 가

“genos eidos . Top. IV 1, 120b 19 가 .”

Cat. 5, 2b 17-22

genos가 eidos . 121a 12

: “ eidos genos ,

19) *Met.* VII 12, 1037b 27 . *An. post.* II 13

20) “ ” *An. post.* II 5, 91b 39 *Top.* V 3, 132a 1

21) *Top.* VI 6, 143b 8-9.

22) *Top.* VI 4, 141b 28-9.

genos eidos . eidos genos
 , genos eidos .
 “ ” “ ”
 ,
 eidos가 genos
 , eidos가
 genos : “... genos eidos ...”²³⁾
 eidos genos 가?
 103a 10 : “ eidos
 가 eidos .
 , eidos eidos
 , genos genos
 .²⁴⁾ eidos genos
 가
 eidos . “ ” “ ” eidos
 . eidos genos .
 “ ” genos . 103a 10 ,
 genos eidos가

3.

genos eidos

(群) genos eidos

3.1. *Hist. an. I De part. an. I* genos eidos

23) *Tφ*. IV 3, 123a 30. IV 6, 127a 23-4

24) *Tφ*, I 7, 103a 10-14. eidos 가 : (form) (species). “
 eidos 가 eidos 가
 : “ 가
 .” 6 .

가
De part. an.

가 *Hist. an.*

. genos eidos

Hist. an. I De part. an. I
(I 1, 486a 15):

. *Hist. an. I*

가 () ,
 . (eidos)가 , , eidos
 가 , () ,
 가 ,
 genos . genos 가 ,
 genos 가 , eidos .
 가 , ()
 , 가 ,
 . (...)
 eidos ,
 , () () 가 ,
 , 가 .
 가

“ (Morphologie)
 25)

가 , 가 ,
 가 eidos .
 eidos
 , 가 ,
 가 genos
 , 가 ,

25) Kullmann 1974, 320 ; 1998, *Aristoteles und die moderne Wissenschaft* (Philosophie der Antike Bd. 5), Stuttgart, 173

가 . eidos
 genos, genos .
 (hyperochē kai elleipsis)
 , genos
 eidos가 . , eidos , genos

가 . : = : 가 가
 , eidos genos

가 .
 eidos, genos, analogia
De part. an. I .
 , 가 , eidos
 .26) ,
 genos .27) 가
 , 가 , genos
 . genos
 . 가 ,

가 , genos .
Hist. an. I De part. an. I genos eidos
 . eidos ,
 . eidos 가
 eidos

“species”, “Art”, “espèce”, “ ” . eidos
 genos . genos eidos
 가 . *Hist. an. I* 1, 486a 22 Peck
 : “In other cases, they are, it is true, identical, but
 they differ in respect of excess and defect: this applies to those whose genus

26) *De part. an. I* 3, 644a 24 .

27) *De part. an. I* 3, 644a 18 .

is the same; and by genus I mean, for example, bird and fish: each of these exhibits difference with respect to genus, and of course there are numerous species both of fishes and of birds.” *De part.* I 4, 644b 1

“ (eidē ... mē polu diestōta, 644b 4) genos . eidos genos
 , “ ” eidos , “genus”, “Gattung”, “genre”, “ ”
 .
 , 가 가 . , genos genos
 가 , 가
 , *Hist. an.* I *De part. an.* I 가 “genos” 가
 . (megista genē), , , , ,
 , .28) , genos가
 가 . genos
 가 . ,
De part. an. I 3, 643b 4 eidos , ,
 , , , . 가 “ ”
 . *Hist. an.* I 1, 488a 31 genos
 . “ ” 가
 genos . “ genos”(*Hist. an.* II 15, 506a
 9), “ genos ” (VI 19, 574a 16), “ genos”(IX 44, 629b
 33) . genos
 .29) genos 가?
 가 genos eidos , genos가 가
 가 “ ”
 가 Balme . genos가

28) megista genē A.L. Peck 1993 (1965), *Aristotle. History of Animals*, I-III, lxvi-vii

29) Balme 1962, 85 Pellegrin 1986, 77

3, 123a 30) , “... genos eidos ...”(Top. IV . genos가 “ 가 genos eidos가 , genos가 가 가 genos eidos

.30) genos eidos 가

3.2. genos 가

genos 가 , 가 genos

genos *Met.* 5 (V 28, 1024a 29).

genos “ , (1) eidos 가 “ , genos가 ” (2) (genos , “ ” (3) genos , “ ” (4) (=) 가 , “ ” genos ,

30) Pellegrin , genos eidos가 Pellegrin 1987, 313-338.

genos 가 , (1) eidos
가 , (2) 가
(3) ,
, , .
, , genos 가
가 genos ,
“ ” “
” , genos
, genos
, Pellegrin
“ ” “eidos” , “genos”
가 ,
(genesis) 가 . *De gen. an.* II 1,
732a 1 dio genos aei anthrōpon
kai zōiōn esti kai phytōn (“
genos 가? ”)
³¹⁾ “ ” genos 가
가
가
genos ,³²⁾
genos () , ()
genos *Met.* , “
genos”(*Hist. an.* II 15, 506 a 9), “ genos ” (VI 19, 574 a 16),
“ genos”(IX 44, 629 b 33) genos
genos가 “ ” 가?
, *De part. an.* I
(644b 8).

() ,
() genos가 , genos,
genos가 , genos .
(가) 가 ,

31) *Hist. an.* VI 31, 579b 5; IX 4, 611a 11 .
32) *De gen. an.* II 7, 746a 29 *Hist. an.* VIII 28, 606b 20 .

, , , .
 , genos Met.
 , genos가
 . genos
 가 , , ,
 . 가 genos , “
 , , , ,
 ” , “ ”
 . 가 , “ ”
 . (科)
 가 , (科) genos
 .33)
 가 ,
 .34)
 “ ” “ ”
 “genos” genos
 , genos 가
 가 genos
 genos “ ”
 , 가 가

33) genos가 ,

Hist. an. IV 7,

531b 20 VIII 3, 593b 8

34) 가

Hist. an. I 6, 490b 15-19, 490b 31

genos 가 . Balme Pellegrin genos
 , genos
 . “... genos eidos
 ...” , genos

3.3. eidos

genos가 가 , eidos
 “ ”

Top. I 7, 103a 10 *Hist. an.* I 1, 486a 15
 Balme Pellegrin eidos

2-30 가
 eidos “ ”

Hist. an. I 6, 490b 15-19

eidos genos eidos
 가 , () ()
 eidos

490b 7

“ ” , , , .
 “ ” , , .

genos
 eidos eidos :
 eidos eidos eidos 가

가 , eidos , genos . genos
 ,
 , (,
 ,)
 “ ”(anōnyma)
 , 가
 eidos
 eidos , eidos
 “ ”, “ ”, “ ”
 , 가 , , 가 ,
 eidos genos가 ,
 genos
 , 490b 15- 19 , eidos가
 “ ”
 , eidos 가 “ ”
 ,
 가?

Of the other animals the Genera are not extensive. For in them one species does not comprehend many species; but in one case, as man, the species ist simple, admitting of no differentiation, while other cases admit of differentiation, but the forms lack particular designations. (Thompson)³⁵⁾

Among the remaining animals we find no large groups; we do not find one kind comprising many other kinds: either a kind will be simple, showing no differentiation, for example, man; or if it does show differentiation, the kinds which it comprises are unnamed. (Peck)

490b 15- 19 가 . alla

35) D' Archy W. Thompson 1912, *Historia animalium*, in: The works of Aristotle translated into English, vol. IV, Oxford

to men estin ..., ta d' echei ... ,

eidosa

1)

eidosa

eidosa

eidosa 2)

“ou gar periechei polla eidē hen eidosa” (“

eidosa

eidosa

.”)

alla to men

estin ..., ta d' echei ...

to men ta d'

eidosa

,

genē

가

. to men ta d'

genē

: “

genos

.

eidosa

eidosa

)

가

,

(

)

(

) eidosa

(

)

.”³⁶⁾

eidosa

eidosa

eidosa

가

.³⁷⁾

, *Hist. an.* I 6, 490b 31 - 491a 6

가

genos

eidosa

, (eidosa)

lphoura

, [],

genosa

eidosa

(가

genos

eidosa)

36) Kullmann

37) Pellegrin (1986, 101) divided into *eide*.”

. Kullmann 1998, 168

: “in a given context, an *eidosa* is not

: 1) *genos*
 eidos ; 2) eidos ; 3)
 lophoura , , ,
 , *genos* ; 4) *genos* 가
 “ ”가 , , ,
 ;38) 5) *genos*
 eidos *genos* ,
 .
 Balme eidos가 , “
 ” . Balme ,
 eidos (,)
 , 가
 가 eidos , 가 (eidē anōnyma)
 가 “ ”(Cat)
 Balme . eidos
 eidos Balme .39)
 , Balme eidos
 , Schneider Thompson ,40)
 ,
 Pellegrin .41)

38) “
 ” (Met. VII 7, 1032a 25; XII 3, 1070a 28; De part. an. I 1, 640a 25; De
 gen. an. II 1, 735a 20 f.).
 De gen. an. III IV . Pellegrin (1985, 108)

가 (De gen. an. II 7, 746a 29-32; II 8,
 747b 30-35; Hist. an. VIII 28, 606b 22-23)
 D.H. Cho 2002, *Ousia und Eidos in der Metaphysik und Biologie des Aristoteles* (Philosophie
 der Antike, Bd. 19), Stuttgart() “Eidos als Spezies und Synonymität der Zeugung”

39) Balme 1962, 91 .

40) Gottlob Schneider 1811, *Aristotelis De Animalibus Historiae*, Lib. X, Lipsiae Thompson 1912

The genos of animals that are simultaneously quadruped and viviparous has many eidē, but they are anonymous. Each of them, so to speak, is called by the name of an individual, as: man, lion, elephant, horse, dog, and so on ...

Pellegrin : “Notice also that in this passage Aristotle ranks man among the viviparous quadrupes, while in other passages he distinguishes him from them. That proves — and obviously it is fundamental for my study — to what degree Aristotle constructs orderings of animal families for the immediate occasion.”

490b 31-491a 6 , Pellegrin

eidos 가?

eidos

가?

genos , eidos

genos

eidos가

: “ 가

Peck

, Pellegrin

genos

eidos

가

Hist. an.

II 15, 505b 25-32

41) Pellegrin 1986, 101

Pellegrin .

가 , genos
 가 , 가 , , 가 ,
 , genos , , eidos

We must now go on to describe the arrangement of the internal parts, and first of all those blooded animals, because this is the feature in which the greatest *gene* differ from the rest of the animals: they are blooded, whereas the others are bloodless. The former [greatest *genos*] includes man, those of the quadrupeds that are viviparous, as well as those of the quadrupeds that are oviparous: birds, fish, cetaceans, and any other anonymous group there may be; [anonymous] because the *eidos* is not a *genos* but an [*eidos*] that is simple in relation to the individuals — for example, the serpent and the crocodile.

Pellegrin , genos eidos가
 , 가 , genos
 eidos , , eidos
 , 가 , 가
 .42) , 가
 eidos 가
 eidos 가?
 — , —
) genos eidos (

42)

eidos
eidos가 “ ” , 가 eidos 가 ?
가?

Hist. an. V 33, 558a 14

17, 508a 8 III 1, 511a 14 genos , *Hist. an* II genos
“ ”

가 (genos) , 505b
25-32 가 eidos 가 가?
가 ,

eidos “ ” ,
가

Thompson : “... the serpent as genos contains many eidos, but is also, as here, as single eidos in the great genos, tetrapoda, oītoua pholidōta.”⁴³⁾

eidos genos가 가

, Thompson 가
“

”(tetrapoda, oītoua pholidōta)

eidos 가?

⁴⁴⁾ 가

505b 25-32 , Thompson Pellegrin , eidos 가
가 가
anōnymon ... dia to mē einai genos all' haploum to eidos epi tōn kath'

43) Thompson 1912

44) Balme 1962, 92

hekaston(“genos”) eidos
 genos eidos
 가
 to eidos epi tōn kath' hekaston ta kath'
 hekaston 가 to eidos epi tōn kath' hekaston
 “ eidos” eidos
 “ ” 45)

3.4

genos eidos가

. Pellegrin “
 ”(a constant degree of generality)
 , “
 가 ” 46)
 가? genos eidos가
 Pellegrin

genos eidos가

1) *Hist. an.* VIII 3, 592b 6 f.
 (gyps) eidē가 ,

2) *Hist. an.* VIII 3, 592b 17-21

45) D.H. Cho 2002

. Kullmann 1998, 170

46) Pellegrin : “But neither of the two terms, genos or eidos, indicates a constant degree of generality on which a taxonomic construction could be based.” (1986, 106).

(aigithalos) eidē가 , 가 (spizitēs)가 가
 (가), (aigithalos)
 oreinos) , 가 ,
 가 . 가 .

3) *Hist. an.* VIII 3, 593b 8-11
 (halkyon) genos 가 . eidē가 ,
 ,
 .

4) *Hist. an.* IX 19, 617a 18-22
 (kichlē) eidē가 . 가 (iksoboros) ,
 가 .
 (trichas) , (kottyphost) .
 (ilias) 가 가 .

5) *Hist. an.* IX 24, 617b 16-19
 가 (koloios) eidē , (korakias) .
 가 가 . (lykos) .
 , “ ” . genos
 가 가 .

6) *De part. an.* I 4, 644a 29 .
 eidos , eidos
 , 가 .
 (genos eidos
), ,

Balme eidos “form”
 .
 eidos가 “ ”, “ ”

eidos *De part.*
an. I *Hist. an.* I eidos (, ,)
 . ,
 eidos , ,
 . genos eidos

“ ” *De part. an. I* ,
 eidos “ ” ,
 eidos 가 eidos
 가 , , , , 가
 eidos 가
 eidos 가
 가 . “ eidos eidos ”(*Hist. an I*
 6, 490b 16)
 eidos 가
 , genos
 가
 “ ”가 , “ ”
 . “lopoura” “ 가
 ”가 . eidos
 가
 . 2300 가?
 가 “
 ” .47)
 가
 eidos genos .

4.

47) G.R.G. Mure 1975 (1932), *Aristotle*, Connecticut, 124 .

eidos가 , Cat. Top. genos
 , genos 가 “
 ”, “ ”, “ ” 가
 , genos
 . eidos 가 가 . eidos
 , genos eidos “ ” “ ” . genos eidos
 “genus” “species”, “Gattung” “Art”, “ ” “ ” ,
 , genos eidos
 가
 20 ,
 , 가
 , 가
 — genos eidos — genos eidos Balme Pellegrin
 , genos eidos가 genos
 , 가 ,
 , Balme Pellegrin 가
 , 가 eidos
 , “ ” 가 가 가
 가 eidos . De part. an.

Hist. an. eidos . eidos

. eidos가 "form" Balme ,
, genos 가 Pellegrin eidos가

, " " 가 genos " "

. genos , 가 " "

genos 가 " " genos
(, ,)

"genos" , " " eidos " "

, genos eidos 가

, 가

. genos eidos

" 가 " Pellegrin 가

. genos eidos