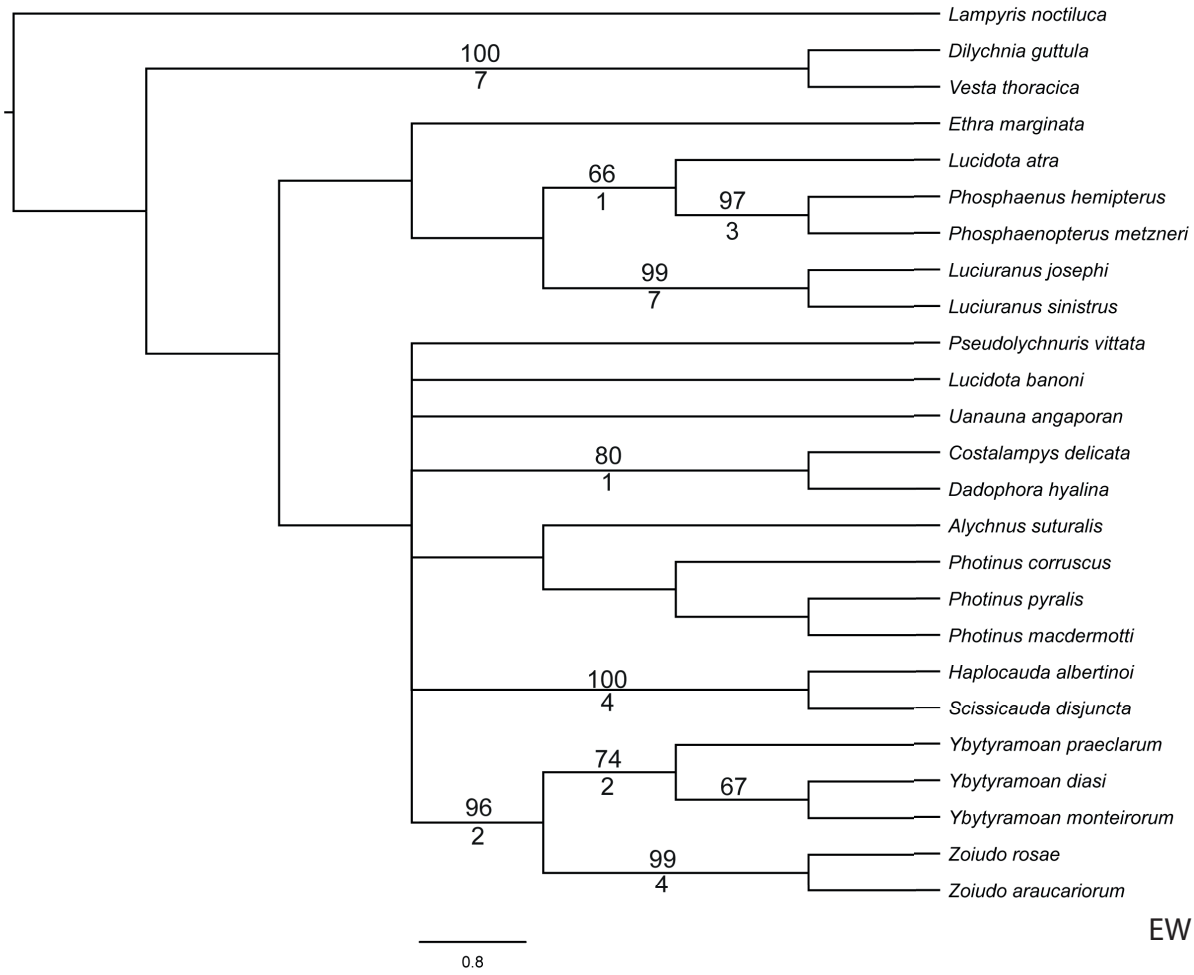
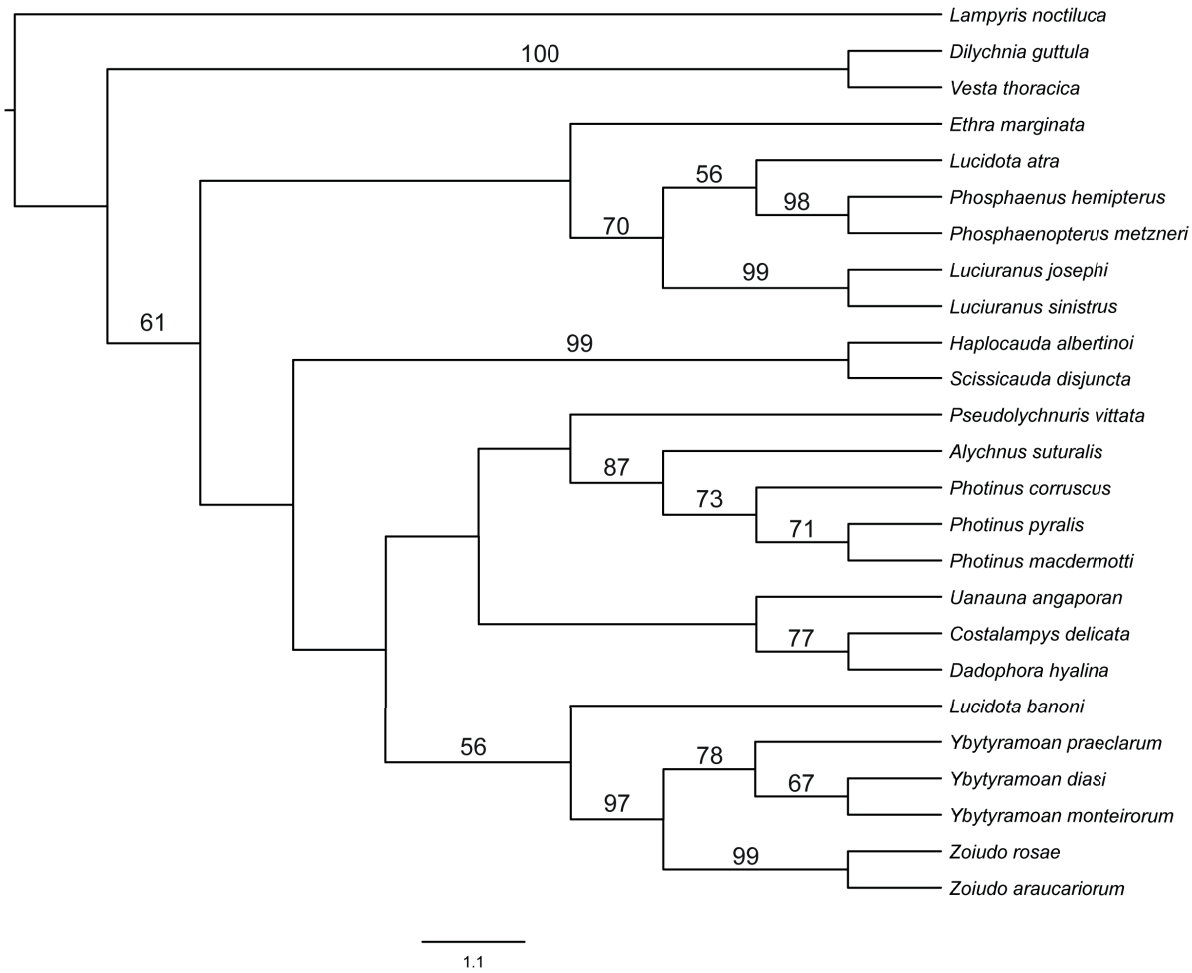
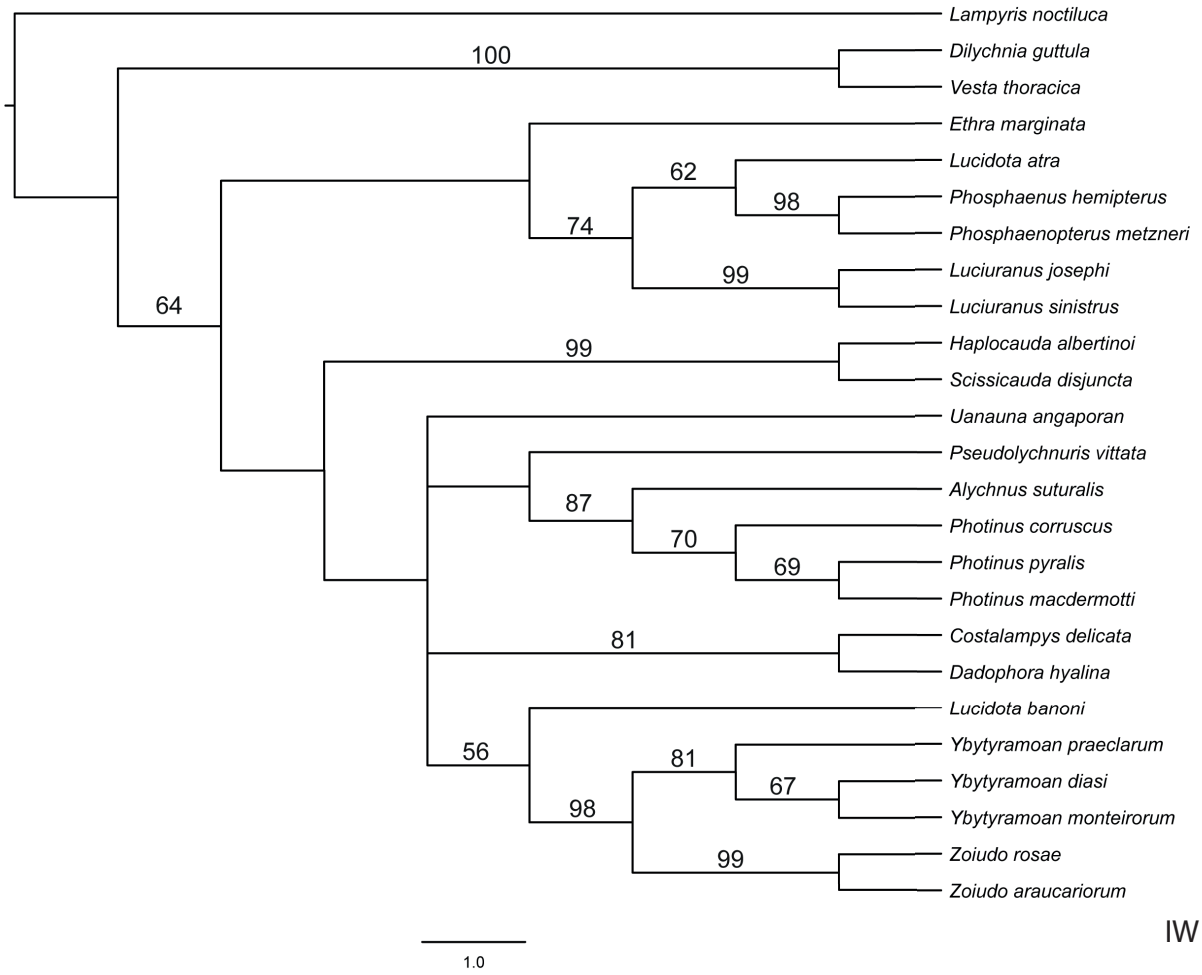
Supplementary material S3. Topologies found with Maximum parsimony analysis under EW and IW.



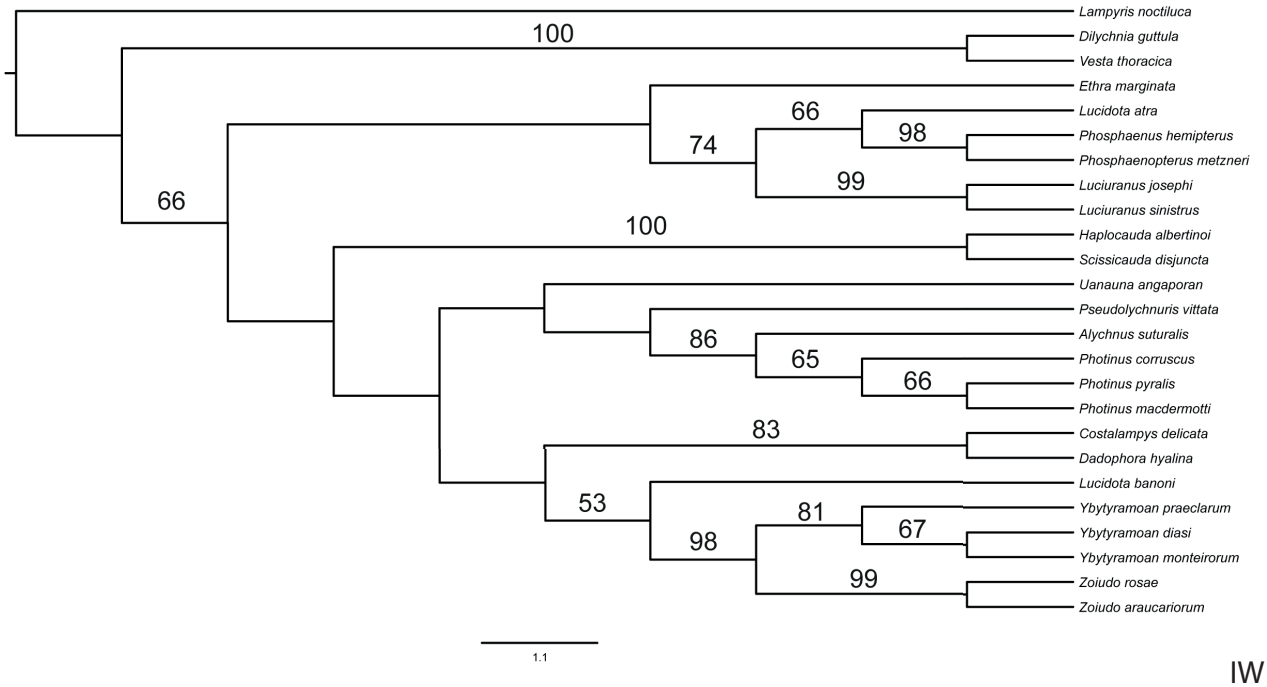
EW consensus (3 trees)



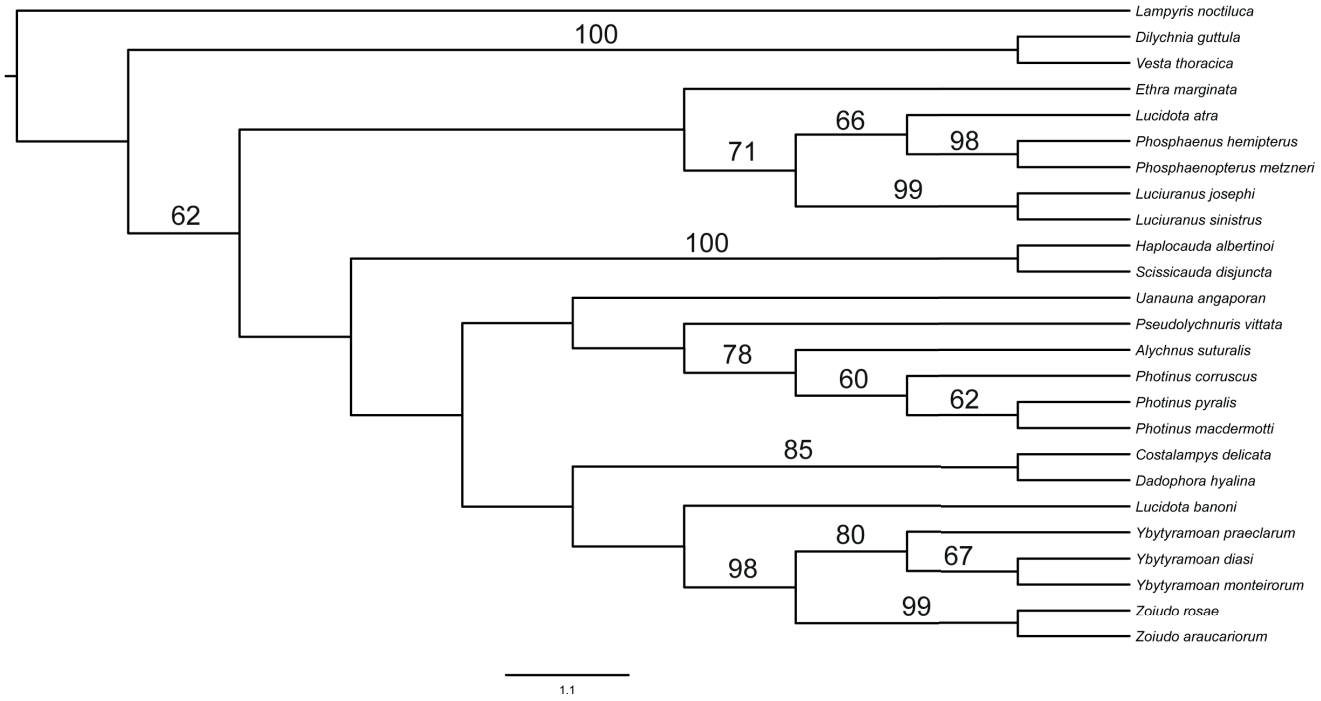
IW K1



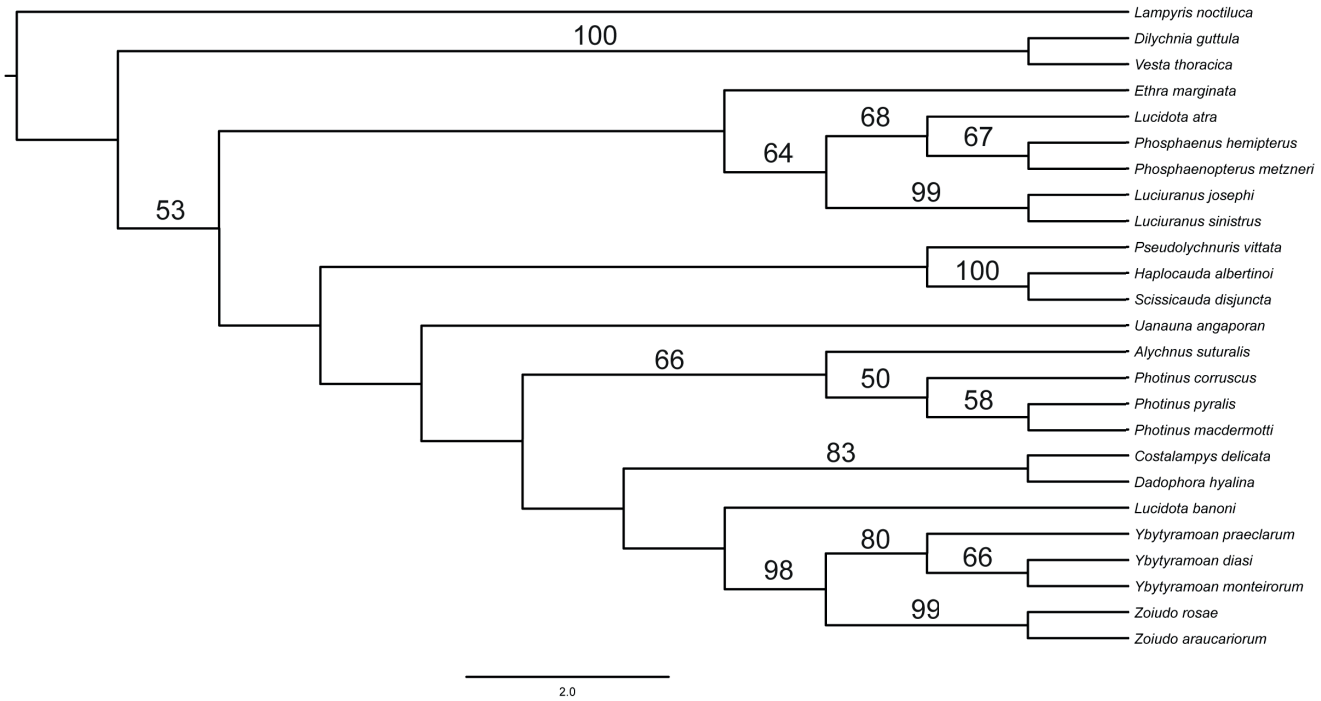
IW K2 consensus (2 trees)



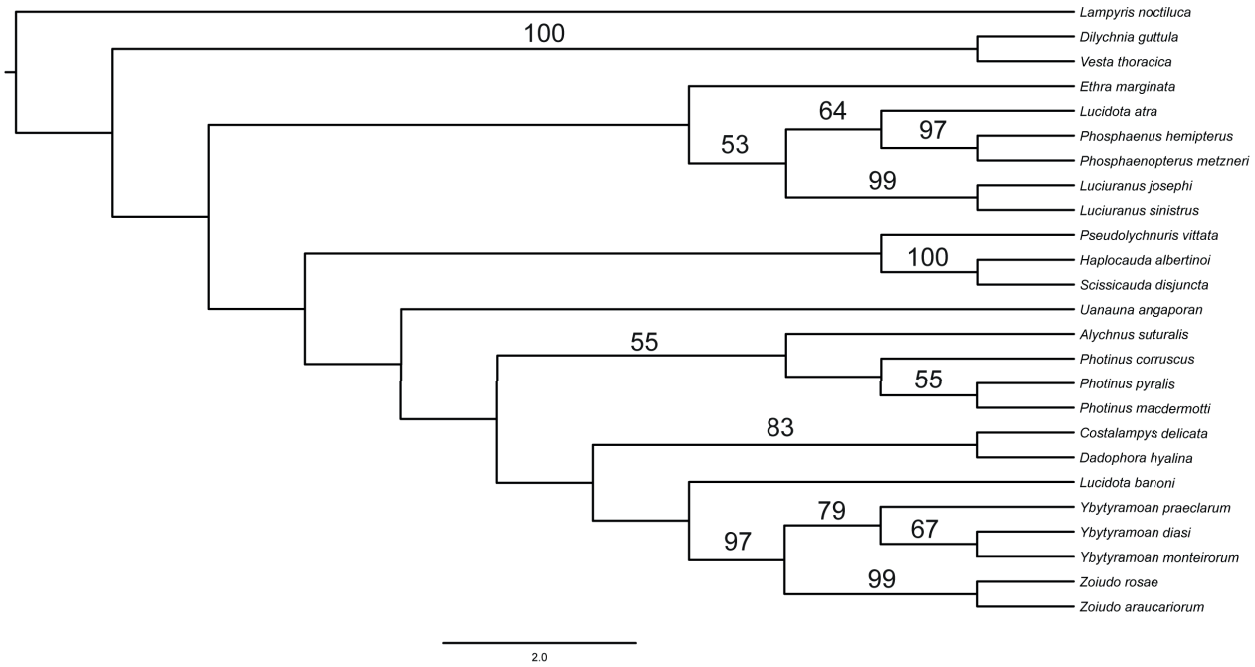
IW K3


Lampyris noctiluca
Dilychnia guttula
Vesta thoracica
Ethra marginata
Lucidota atra
Phosphaenus hemipterus
Phosphaenopterus metzneri
Luciuranus josephi
Luciuranus sinistrus
Haplocauda albertinoi
Scissicauda disjuncta
Uanauna angaporan
Pseudolychnuris vittata
Alychnus suturalis
Photinus corruscus
Photinus pyralis
Photinus macdermotti
Costalampys delicata
Dadophora hyalina
Lucidota banoni
Ybytyramoan praeclarum
Ybytyramoan diasi
Ybytyramoan monteirorum
Zoiudo rosae
Zoiudo araucariorum
100
66
98
71
99
62
100
78
60
62
85
80
67
98
99
1.1

IW K5


Lampyris noctiluca
Dilychnia guttula
Vesta thoracica
Ethra marginata
Lucidota atra
Phosphaenus hemipterus
Phosphaenopterus metzneri
Luciuranus josephi
Luciuranus sinistrus
Pseudolychnuris vittata
Haplocauda albertinoi
Scissicauda disjuncta
Uanauna angaporan
Alychnus suturalis
Photinus corruscus
Photinus pyralis
Photinus macdermotti
Costalampys delicata
Dadophora hyalina
Lucidota banoni
Ybytyramoan praeclarum
Ybytyramoan diasi
Ybytyramoan monteirorum
Zoiudo rosae
Zoiudo araucariorum
100
68
67
64
99
53
100
66
50
58
83
80
66
98
99
2.0

IW K10


Lampyris noctiluca
Dilychnia guttula
Vesta thoracica
Ethra marginata
Lucidota atra
Phosphaenus hemipterus
Phosphaenopterus metzneri
Luciuranus josephi
Luciuranus sinistrus
Pseudolychnuris vittata
Haplocauda albertinoi
Scissicauda disjuncta
Uanauna angaporan
Alychnus suturalis
Photinus corruscus
Photinus pyralis
Photinus macdermotti
Costalampys delicata
Dadophora hyalina
Lucidota baroni
Ybytyramoan praeclarum
Ybytyramoan diasi
Ybytyramoan monteirorum
Zoiudo rosae
Zoiudo araucariorum
100
64
97
53
99
100
55
55
83
79
67
97
99
2.0

IW K100