



Chas. A. Gilberg.

CRUMBS FROM THE CHESS-BOARD

A SELECTION FROM THE
PROBLEMS COMPOSED BY

CHARLES A. GILBERG

[1890]

An Electronic Edition
Anders Thulin, Malmö · 2004-07-31

PREFACE

As a recreation for the idle hours of life, the wide and varied domain of chess, but more especially that branch so aptly termed the Poetry of the game, has been to me during the past thirty years an unfailing source of delightful entertainment – a perennial banquet, indeed, that has never suffered the appetite for its social and intellectual fare to languish. Votaries of every clime and country have contributed the fruits of their genius and industry to the repast, and many warm and valued friendships have been cemented by kindred tastes and sympathies. But how few, alas, of the early companions remain to share the feast! The empire of earthly pleasures is frail and uncertain, and its curfew must toll for us all. While lingering at a somewhat late and protracted dessert with an ever unsated yearning for Caïssa's bounty, I have gathered up some of the crumbs that have fallen from my table, which I wish to offer as a souvenir to the friends who still abide to minister to my enjoyment. If, to them, these morsels will serve to impart an occasional gleam of pleasant recollection, the aim and ambition which were the impelling influences that led to this collection will be fully gratified.

In the following pages the conventional terms of White and Black have been retained, but the forces of the chess-board are respectively presented in Red and Blue. With the exception of a few of the older compositions included in this selection, that have been reset and remoulded, all have passed through the ordeal of public scrutiny, and I trust that it may not be unreasonable to hope that they will successfully maintain an unblemished integrity against all further analytical research.

C. A. G.

Brooklyn, September, 1890.

PREFACE TO ELECTRONICAL EDITION

This edition is based on the original edition, published privately in New York, 1890.

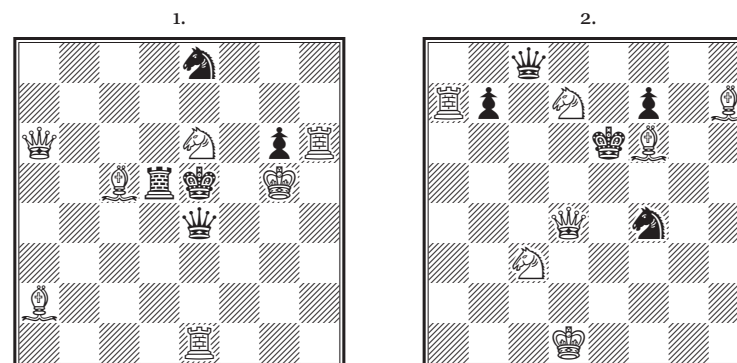
As the preface indicates the original was printed in colour: red and dark blue was used for the white and black pieces, which were set on a board printed in grey. These elegancies have not been retained in the present edition.

Solutions have been converted from descriptive to algebraic notation., using 'S' to indicate knights. Problems up to five moves have been checked by Matthieu Leschemelle's computer program *Problemiste* 2.18a. Remaining problems up to 7 moves have been checked by *Popeye*, and all further problems only briefly tested for obvious errors.

Discovered errors have been indicated in the solutions in brackets, and in the diagrams by the symbol '[+]', indicating a problem without a solution in the stipulated number of moves, by '[§]', indicating a short mate, and '[*]', indicating a problem with several solutions.

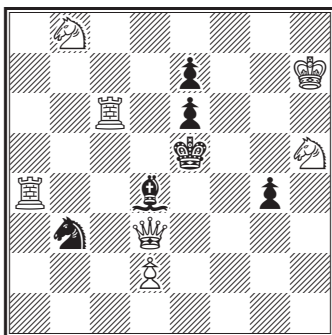
A few source references have also been added, in brackets.

TWO-MOVE MATES

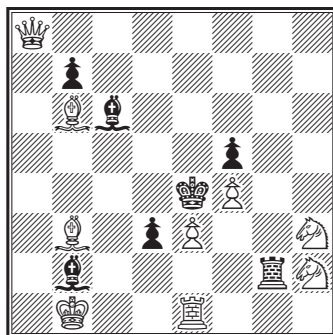


[*Danbury News*, 1881
1st Prize]

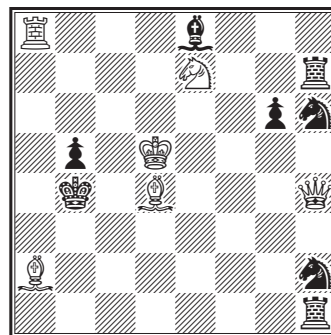
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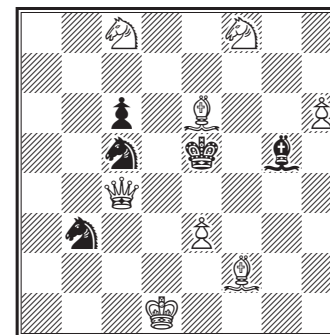
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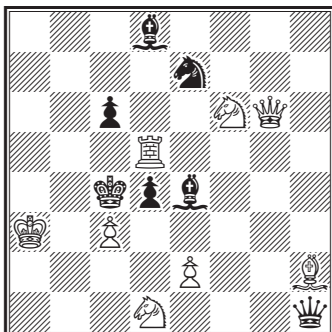
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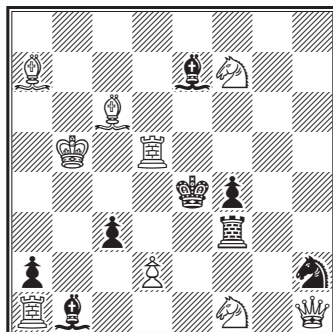
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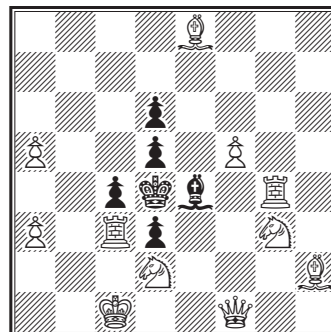
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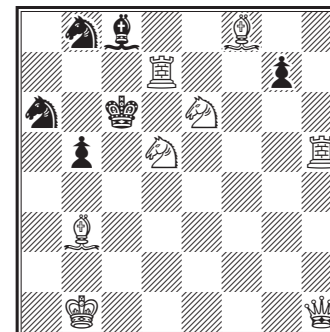
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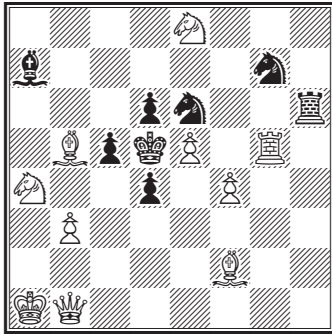
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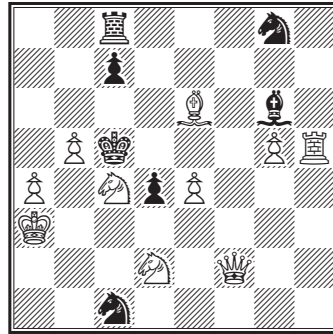


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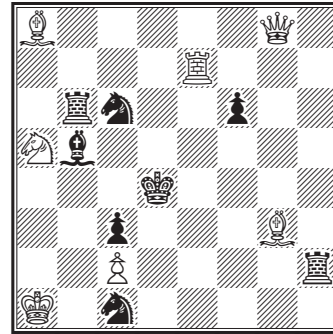


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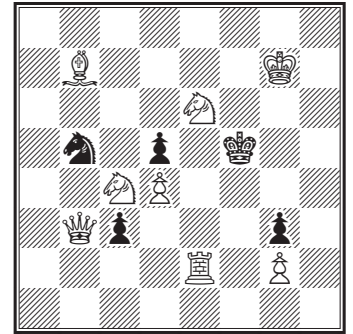
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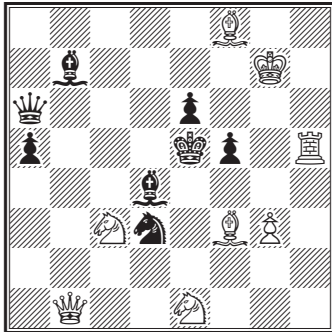
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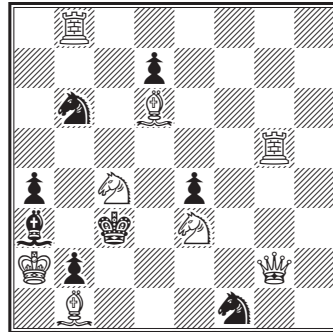


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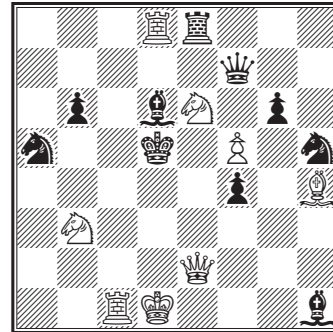
(249, American Chess-Nuts)

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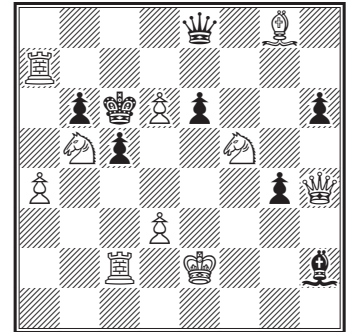


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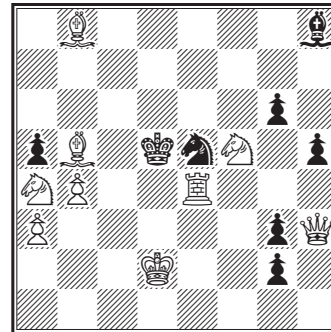
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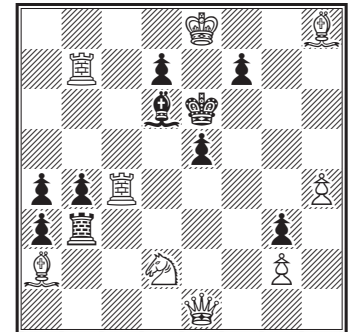
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THREE-MOVE MATES

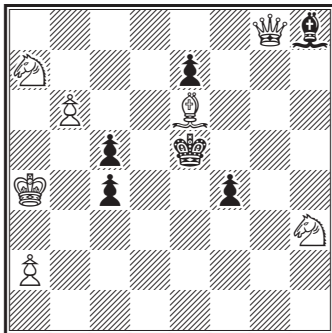
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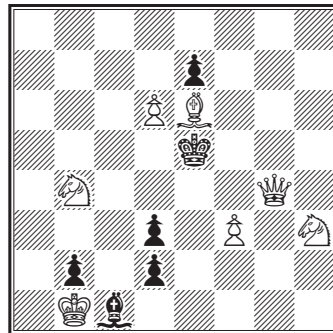
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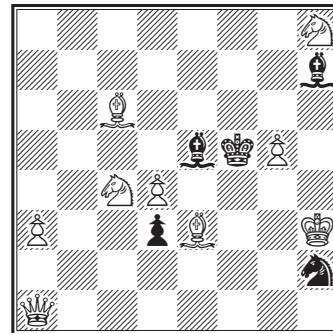
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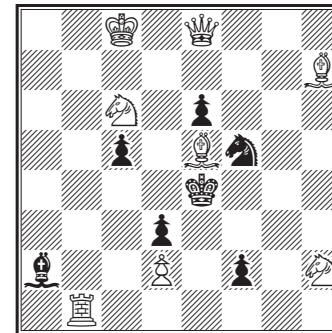
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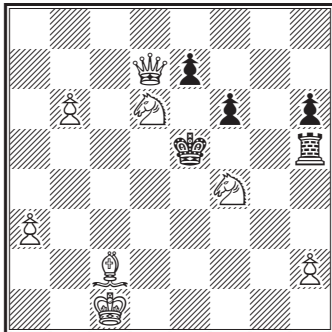


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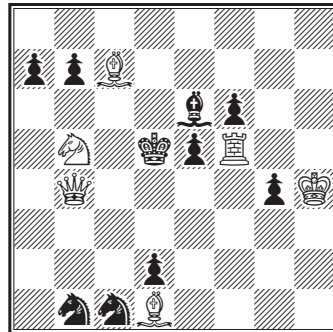


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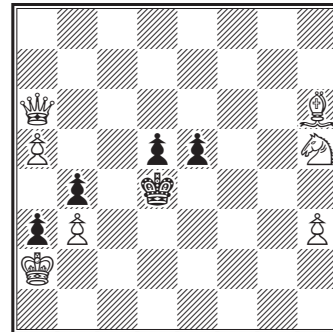
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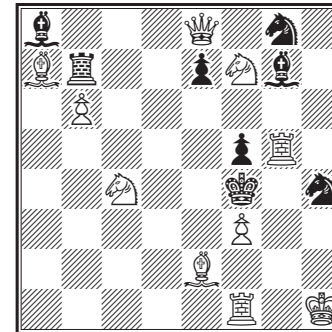
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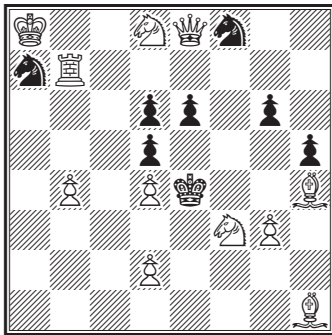
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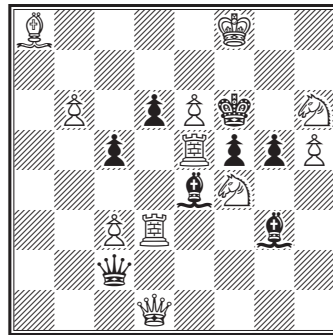
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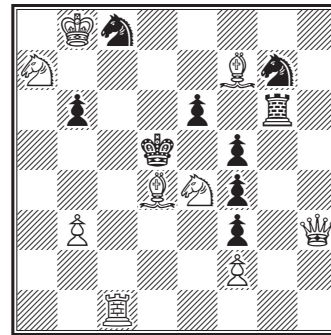
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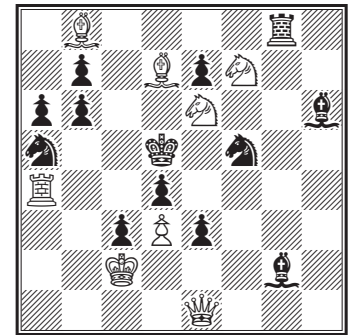
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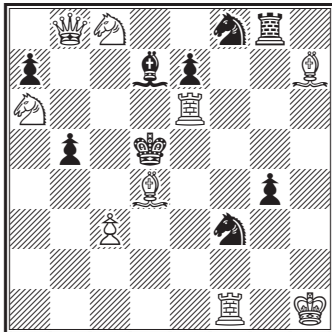
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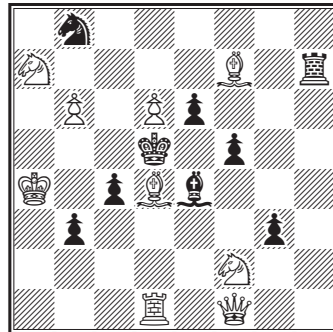
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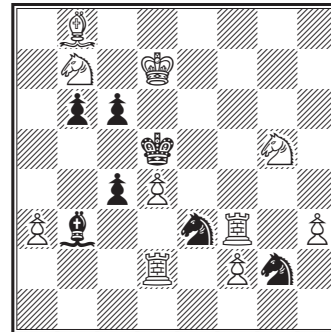
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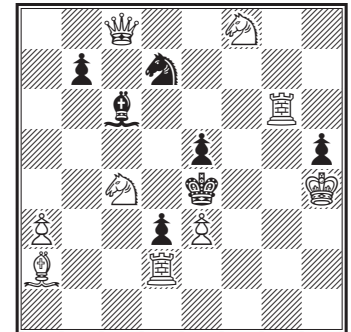
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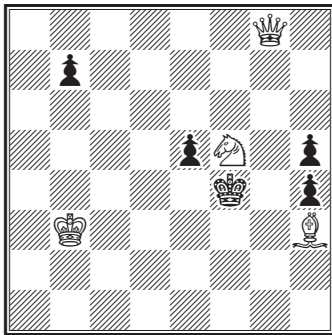
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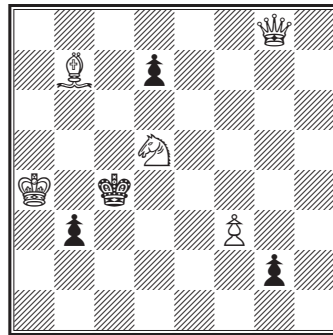
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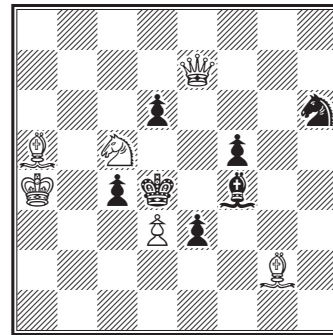
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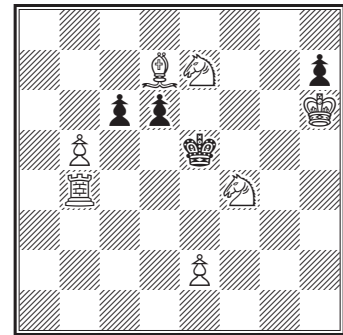
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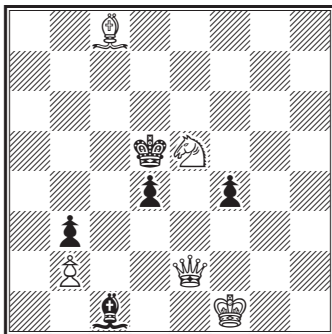
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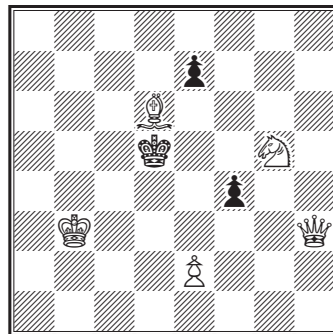
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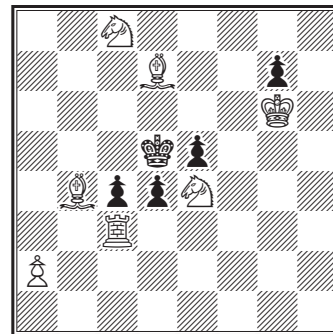
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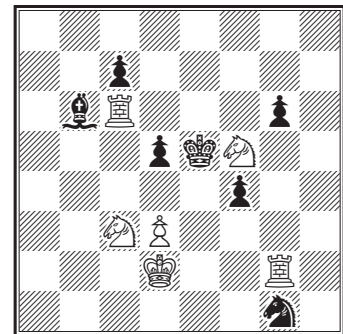
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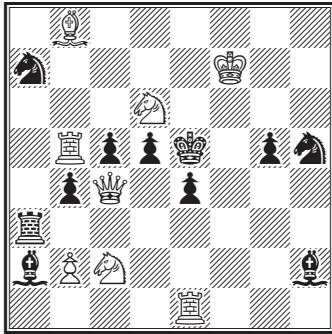
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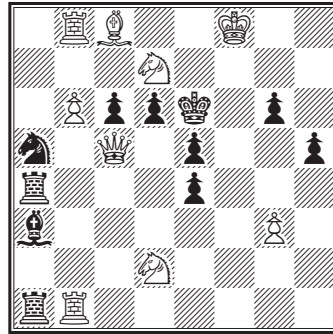
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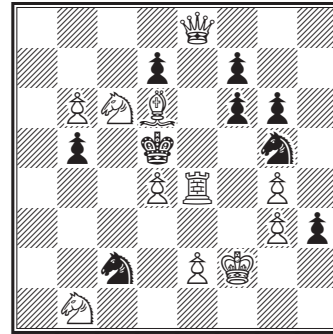
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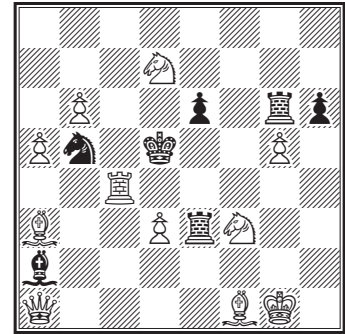
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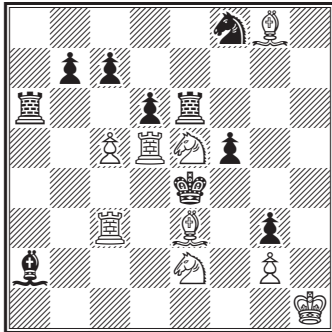
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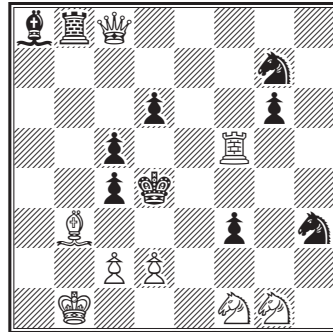


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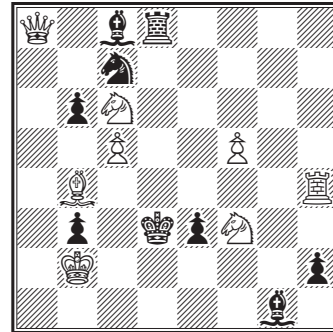


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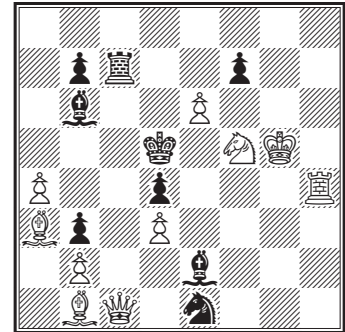


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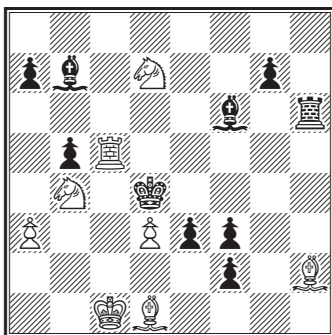


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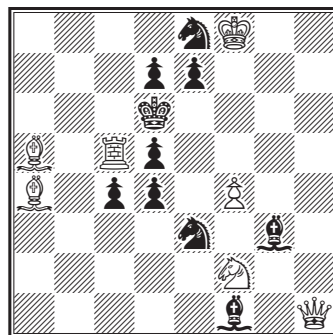
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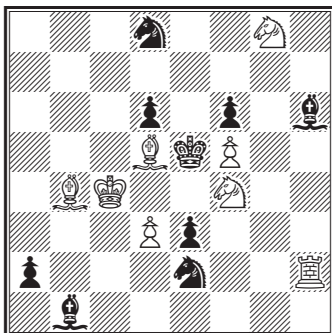
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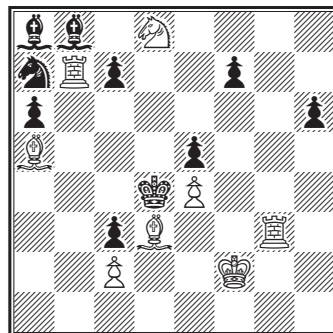
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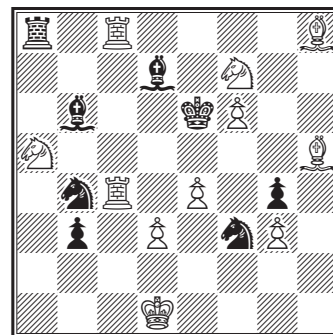
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[371, American Chess-Nuts]

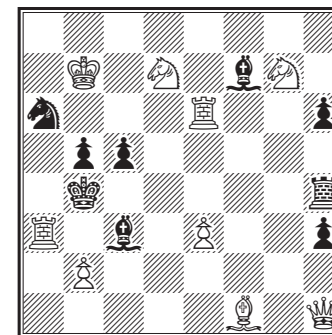
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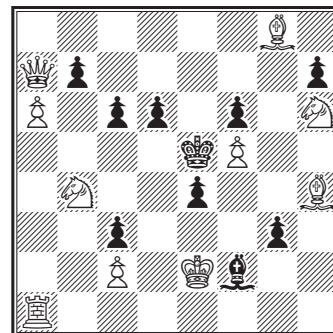
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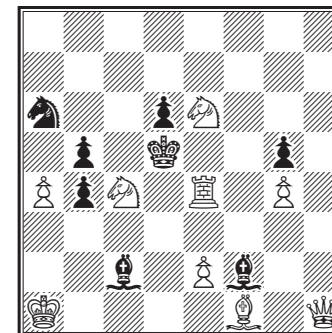
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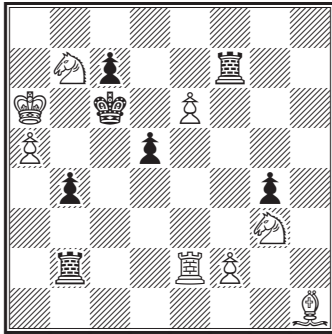


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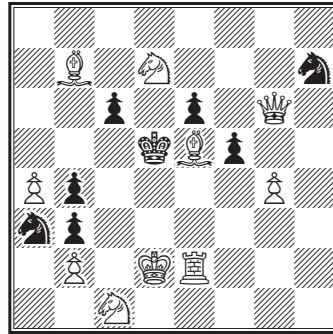
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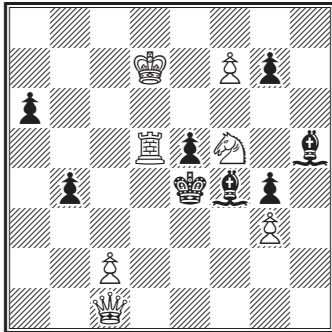
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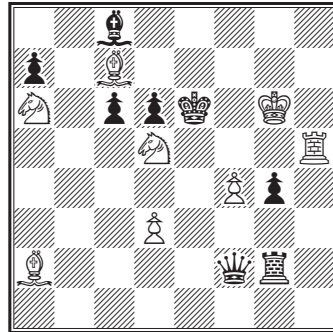
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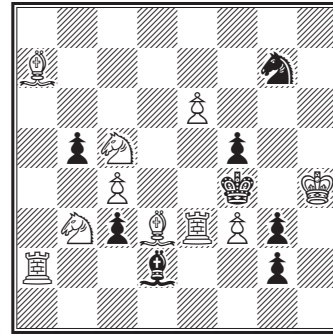
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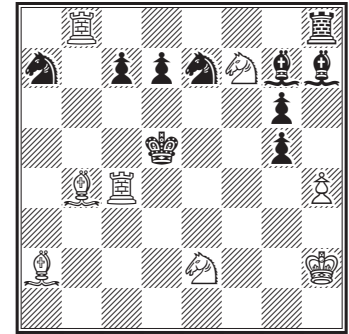
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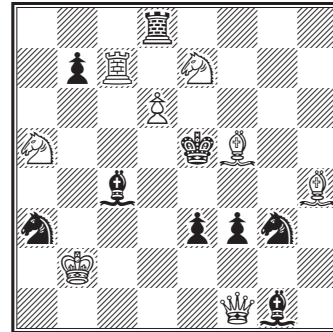


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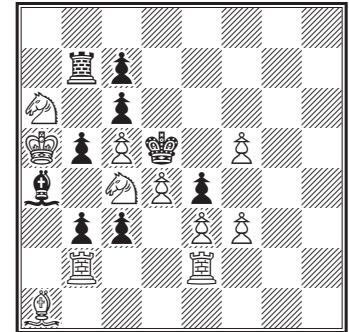


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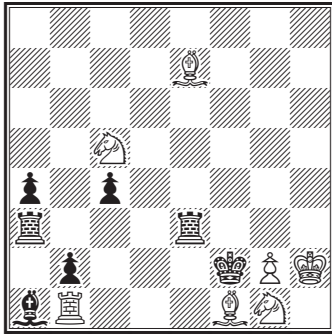
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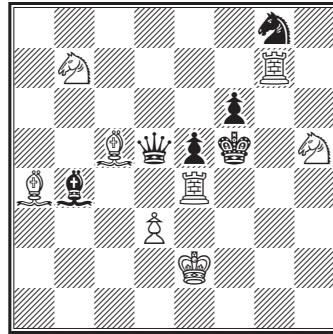
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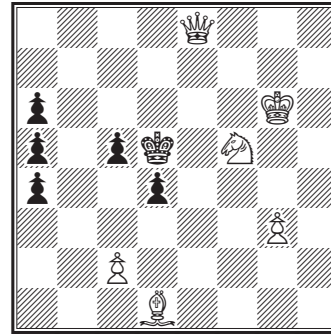
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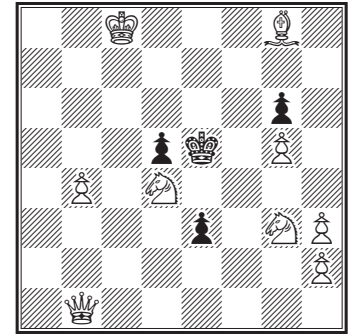
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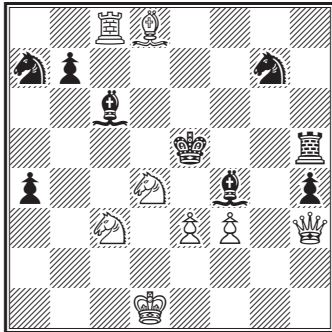


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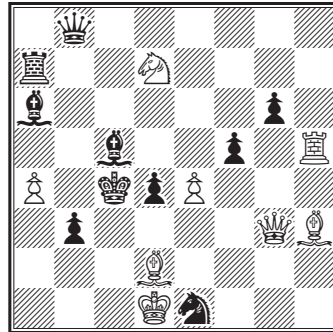


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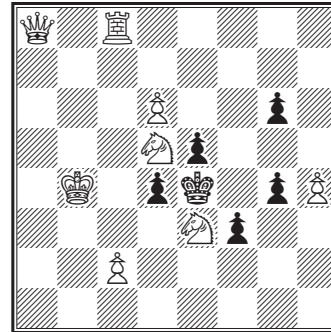
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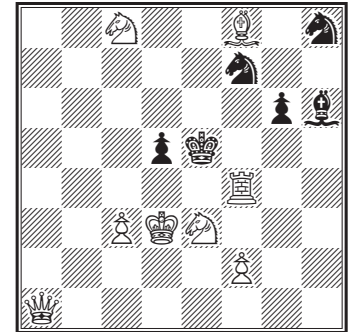
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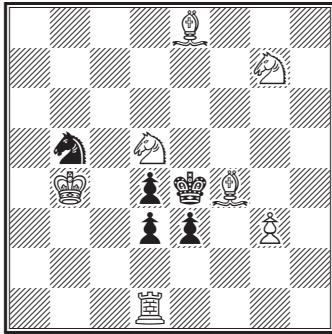


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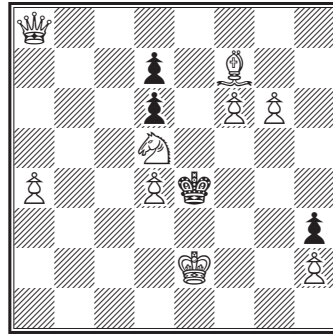
[352, American Chess-Nuts]

[354, American Chess-Nuts]

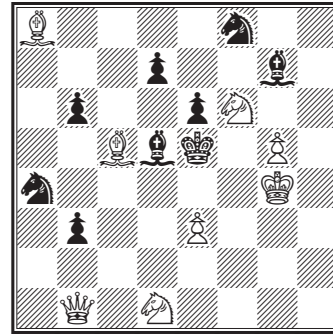
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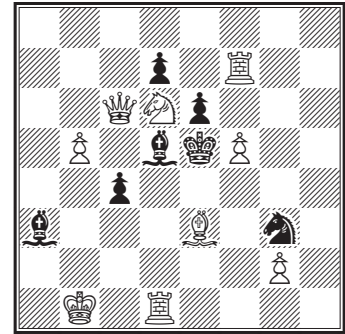
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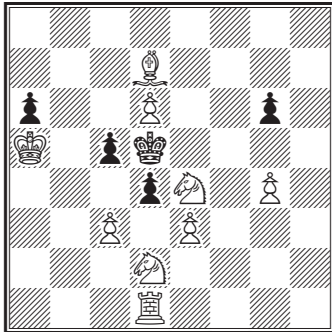
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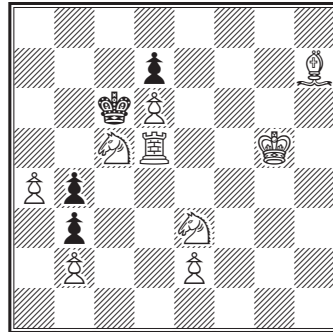
[370, American Chess-Nuts]

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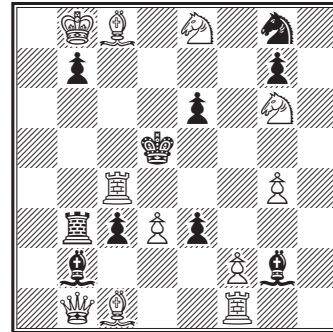
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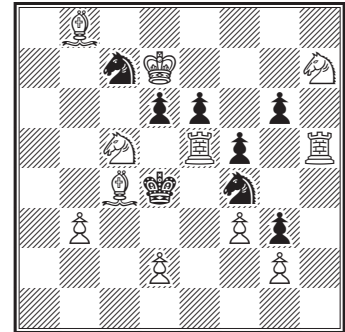
110.



113.



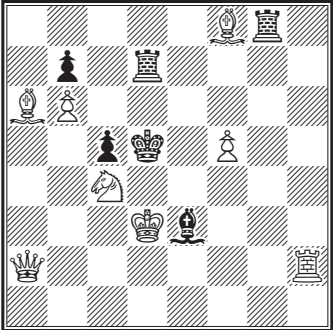
114.



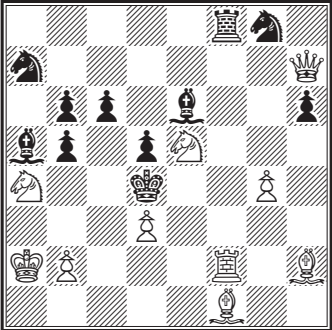
[*]

FOUR-MOVE MATES

121.

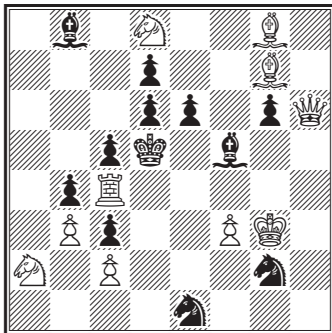


122.



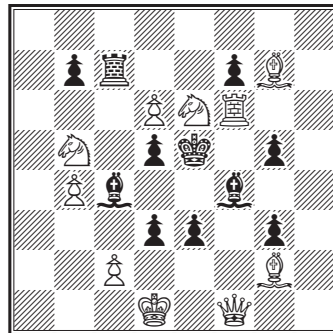
[S]

131.

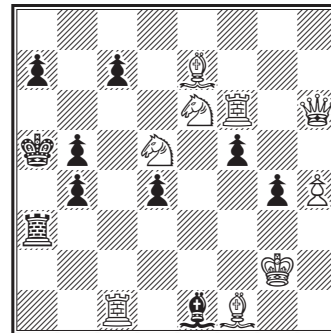


[+]

132.

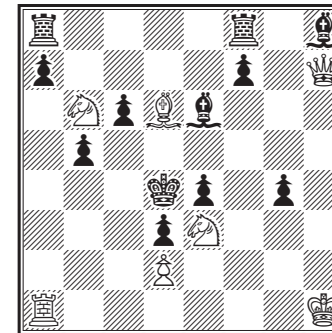


135.



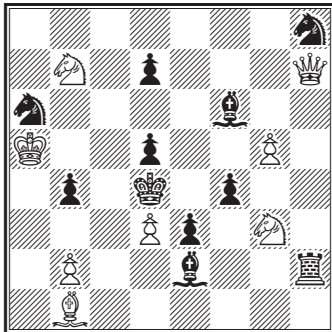
[261, American Chess-Nuts]

136.

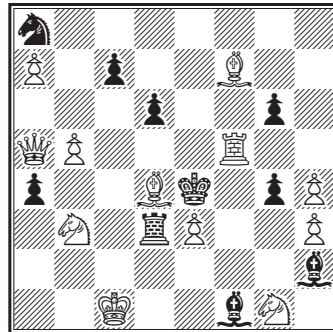


[258, American Chess-Nuts]

133.

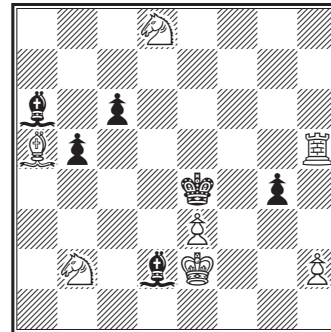


134.



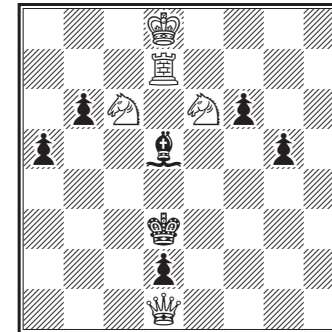
[251, American Chess-Nuts]

137.

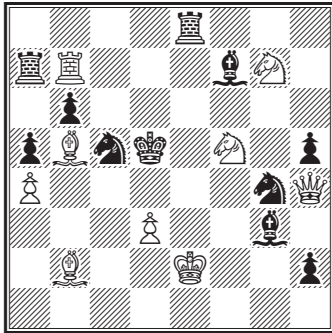


[260, American Chess-Nuts]

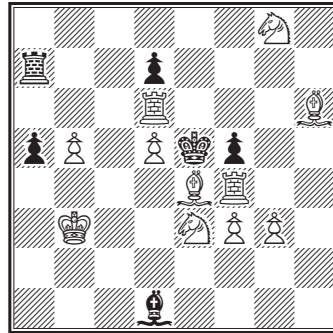
138.



139.



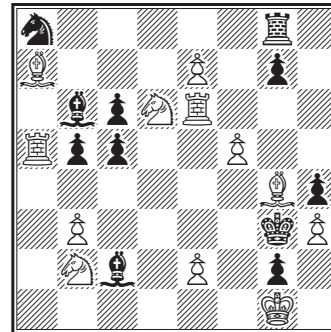
140.



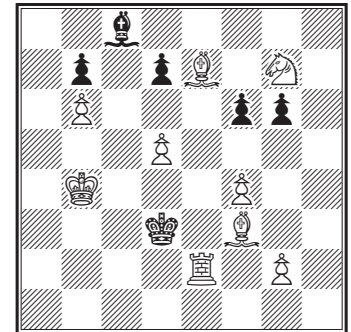
[259, American Chess-Nuts]

FIVE-MOVE MATES

141.

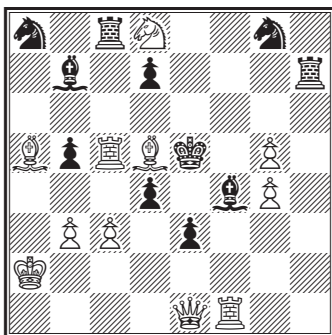


142.



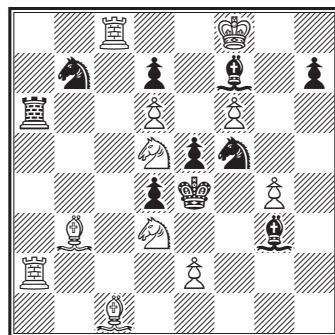
[*]

143.

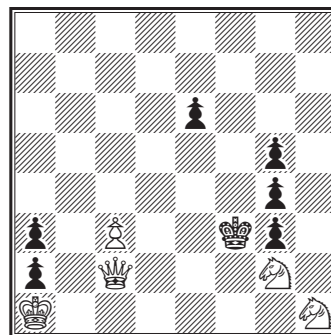


[102, American Chess-Nuts]

144.

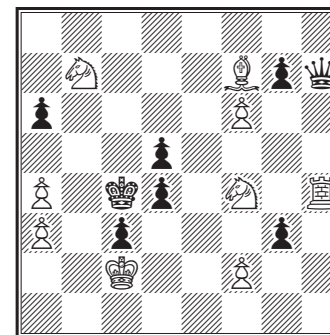


147.



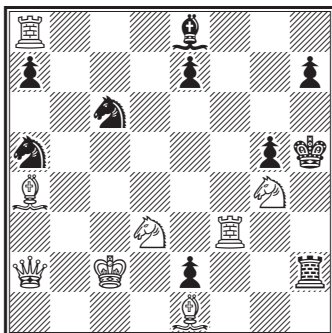
[Brownson's Chess Journal, 1890]

148.

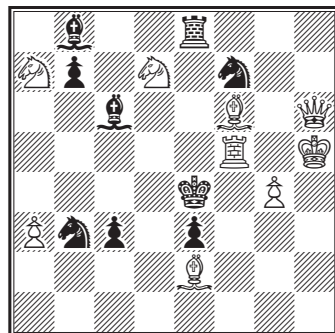


[101, American Chess-Nuts]

145.



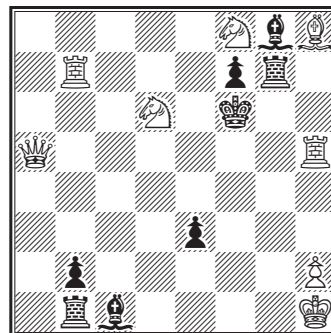
146.



[*]

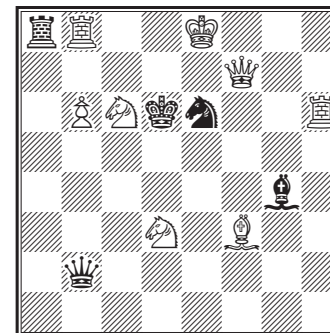
SELF-MATES

149.



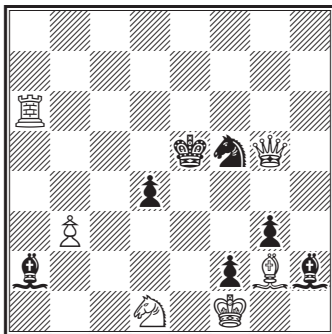
Selfmate in two moves

150.



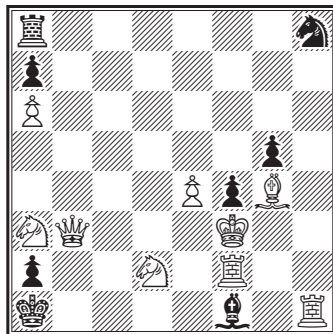
Selfmate in two moves

151.



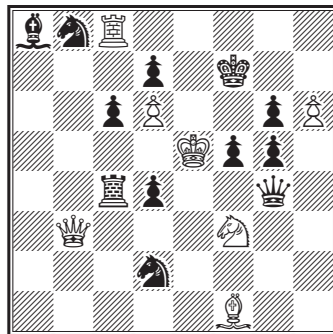
Selfmate in two moves

152.



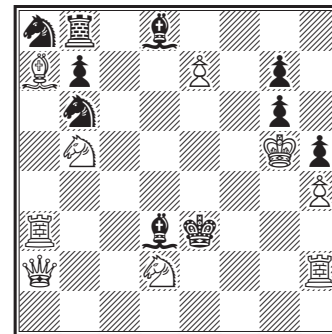
Selfmate in two moves

155.



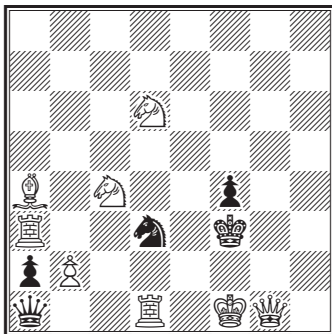
Selfmate in two moves

156.



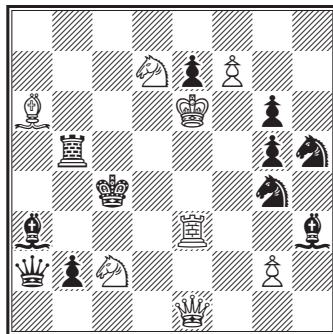
Selfmate in two moves

153.



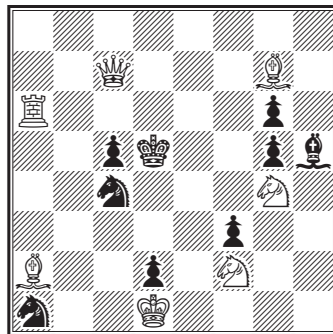
Selfmate in two moves

154.



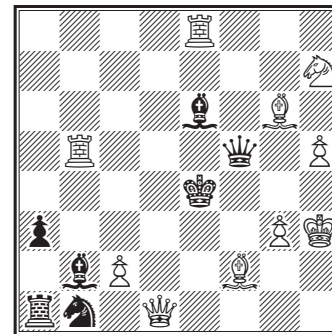
Selfmate in two moves

157.



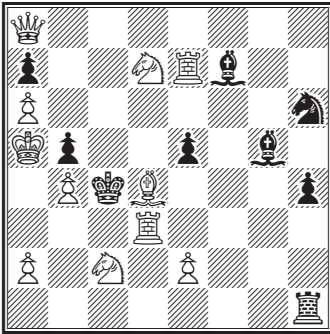
Selfmate in two moves

158.



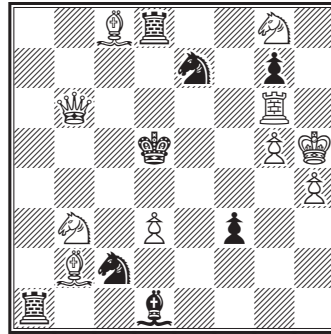
Selfmate in two moves

159.



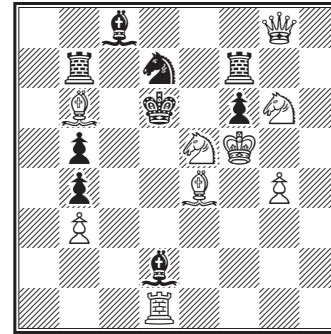
Selfmate in three moves
[*Brentano's Chess Monthly*, 1881]

160.



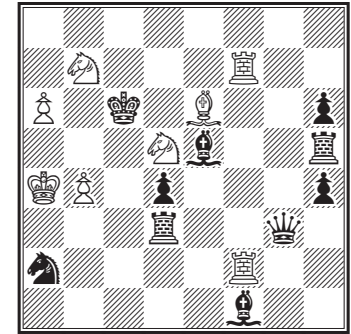
Selfmate in three moves

163.



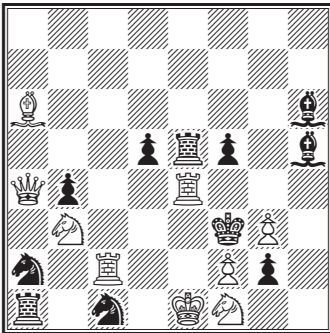
Selfmate in three moves

164.



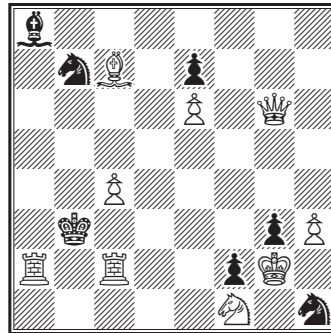
Selfmate in three moves [+]

161.



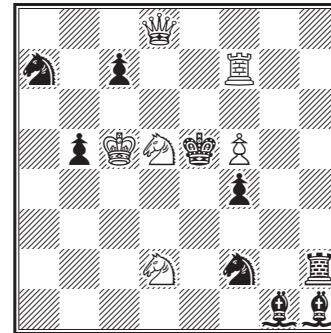
Selfmate in three moves

162.



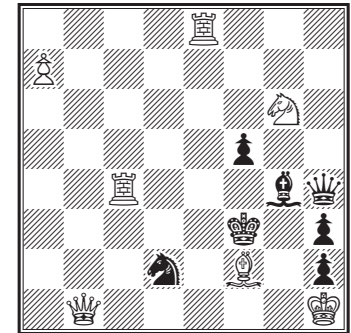
Selfmate in three moves

165.



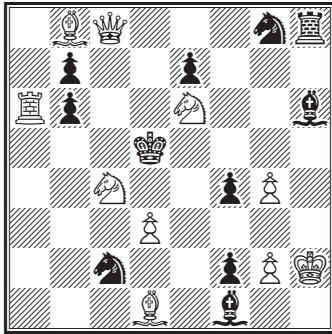
Selfmate in three moves

166.



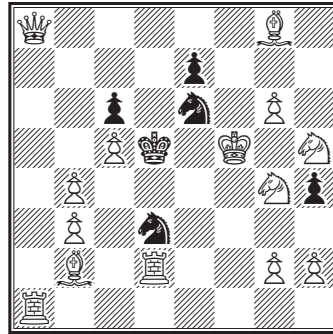
Selfmate in three moves

167.



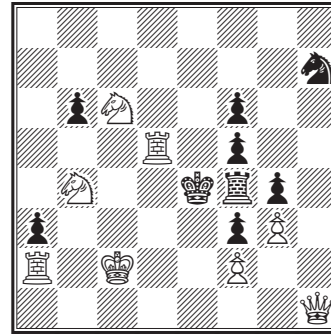
Selfmate in four moves

168.



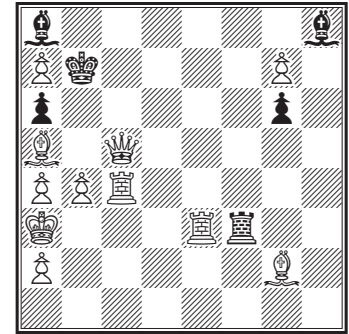
Selfmate in four moves

171.



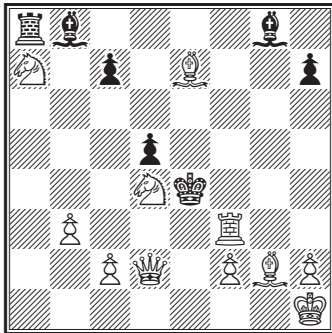
Selfmate in six moves

172.



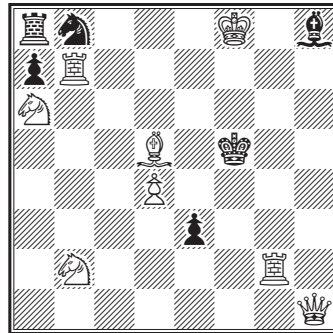
Selfmate in six moves

169.



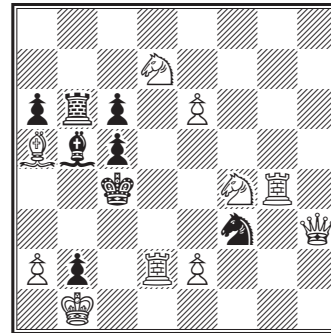
Selfmate in five moves
[87, American Chess-Nuts]

170.



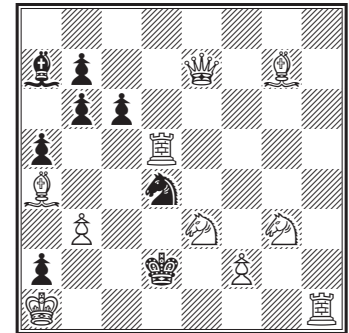
Selfmate in five moves

173.



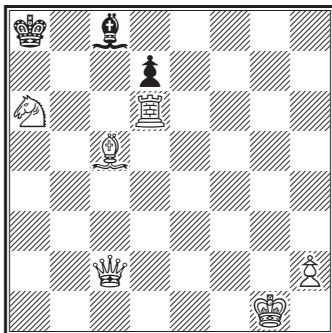
Selfmate in six moves

174.



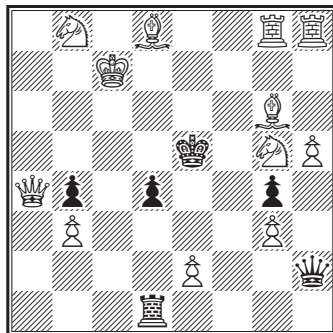
Selfmate in eight moves
[154, American Chess-Nuts]

175.



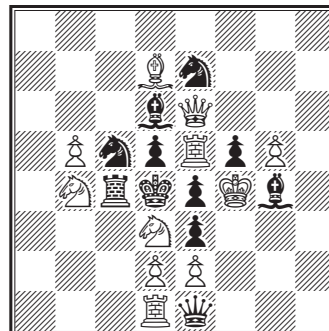
Selfmate in ten moves [*]
 [176, American Chess-Nuts]

176.



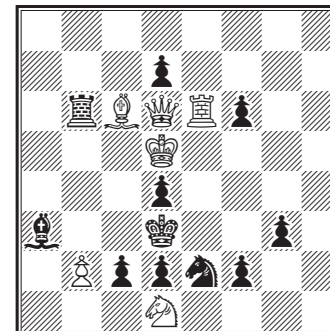
FANTASIES AND FOUR-FOLD MATES

177. "Faith"



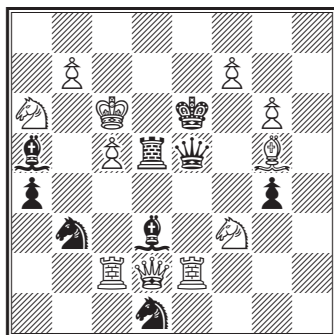
Either party to play and mate,
 or force selfmate in two moves

178. "Hope"



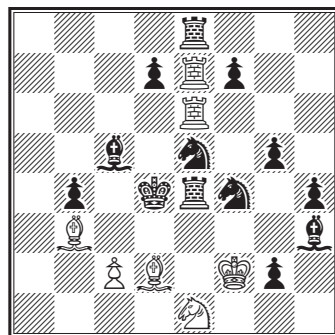
Either party to play and mate,
 or force selfmate in two moves

179. "Charity"



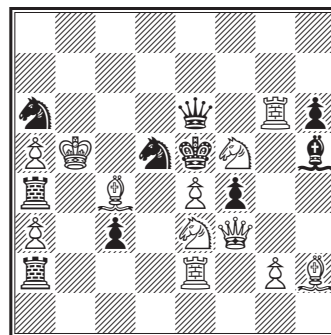
Either party to play and mate,
or force selfmate in two moves

180. "Faith, Hope and Charity"



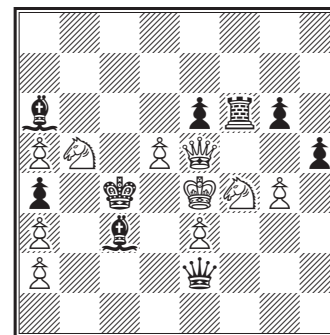
Either party to play and mate,
or force selfmate in two moves

183. "Monogram M. C."



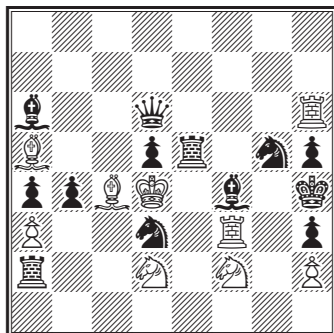
Either party to play and mate,
or force selfmate in two moves

184. "Monogram M. P."



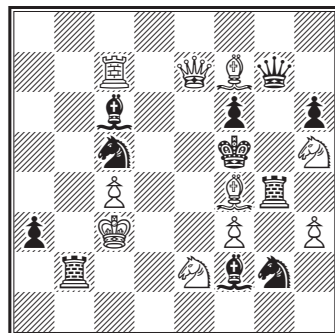
Either party to play and mate,
or force selfmate in two moves

181. "Monogram H. M."



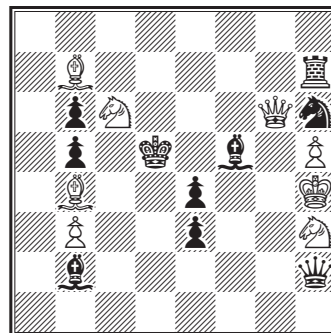
Either party to play and mate,
or force selfmate in two moves

182. "J. B."



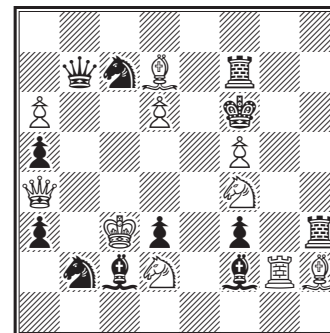
Either party to play and mate,
or force selfmate in two moves

185. "M"



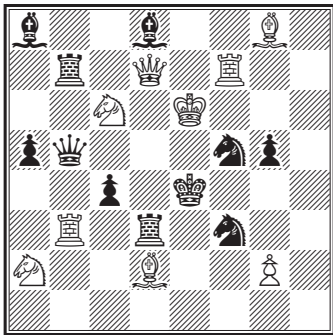
Either party to play and mate,
or force selfmate in two moves

186. "G. L."



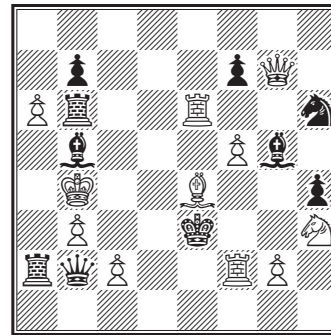
Either party to play and mate,
or force selfmate in two moves

187. "The Octopus"



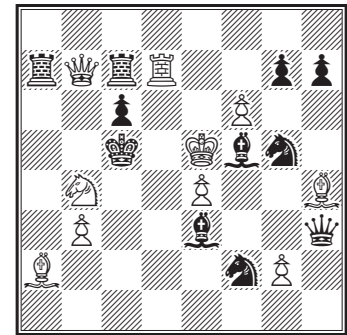
Either party to play and mate,
or force selfmate in two moves

190. "18"



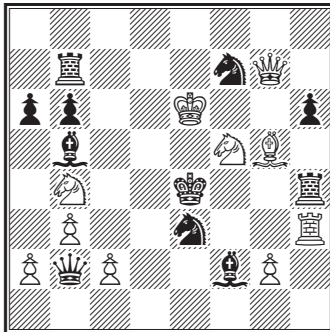
Either party to play and mate,
or force selfmate in two moves

191. "76"



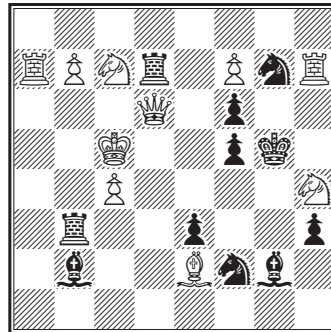
Either party to play and mate,
or force selfmate in two moves

188. "18"



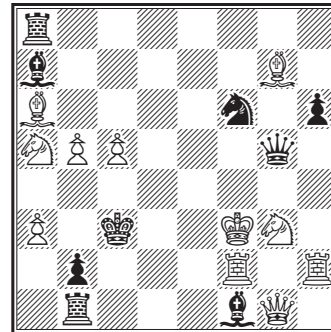
Either party to play and mate,
or force selfmate in two moves

189. "75"



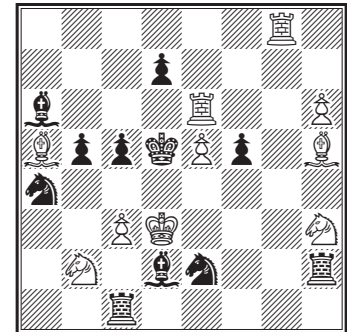
Either party to play and mate,
or force selfmate in two moves

192. "Loyd"



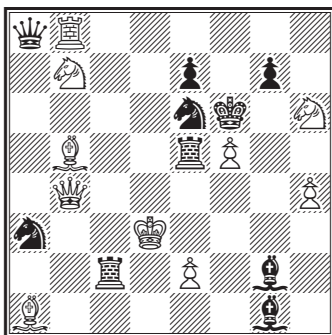
Either party to play and mate,
or force selfmate in two moves

193.



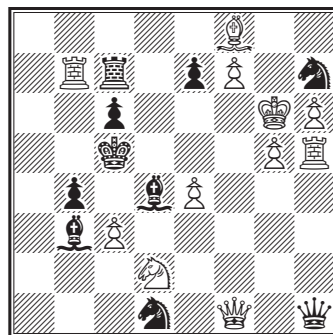
Either party to play and mate, or
force selfmate in three moves

194.



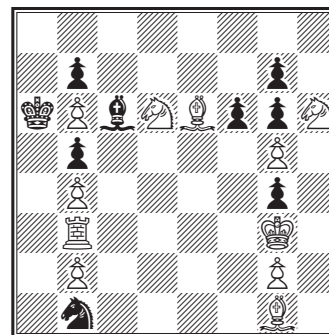
Either party to play and mate, or
force selfmate in three moves

195.



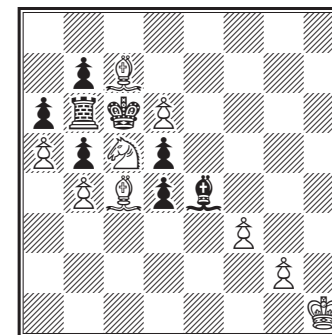
Either party to play and mate,
or force selfmate in five moves

198. "The Message"



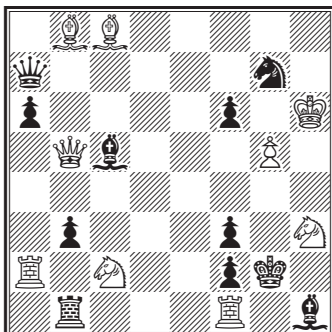
Mate in four moves

199. "The Comet"



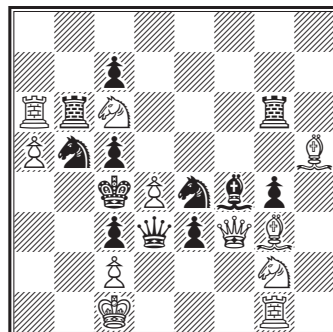
Mate in five moves.

196. "Cook"



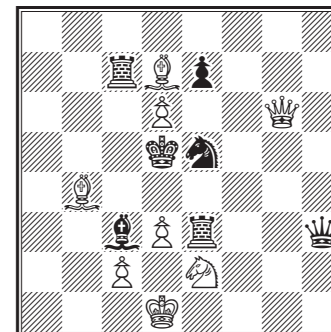
Mate in four moves

197. "The Barker"



Either party to play and
mate in four moves

200. "The Sortie"



Mate in eleven moves

SOLUTIONS

- | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1. 1. Qf1
1. ... K×e6† 2. Qf5‡
1. ... R×c5 2. Qf4‡</p> <p>2. 1. Bd3
1. ... any 2. Q/S ‡</p> <p>3. 1. Sg3
1. ... Kf6 2. Qf5‡
1. ... Kf4 2. Qe3‡</p> <p>4. 1. Qa2
1. ... d2 2. Bc2‡
1. ... Bd4 2. Q×g2‡</p> <p>5. 1. Sd7
1. ... K×d5 2. Qf7‡
1. ... c×d5 2. Qa6‡</p> <p>6. 1. Ka6
1. ... Bd3† 2. Rb5‡</p> <p>7. 1. Ke4
1. ... R×e7† 2. Q×e7‡
1. ... Re1† 2. Q×e1‡</p> <p>8. 1. Bh4
1. ... Kf6 2. Qf4‡
1. ... Se4 2. Sd7‡</p> | <p>9. 1. Qh3
1. ... K×c3 2. Se2‡
1. ... Kc5 2. Sb3‡</p> <p>10. 1. Rh7
1. ... K×d7 2. Sf6‡
1. ... B×d7/S×d7 2. Sd8‡</p> <p>11. 1. Se5
1. ... Q×e4† 2. Sd3‡
1. ... S×e5 2. Qf8‡</p> <p>12. 1. Qc1
1. ... Q×c2† 2. Sd3‡
1. ... Q×b4† 2. Sd4‡
[1. Rb3]</p> <p>13. 1. Ra4
1. ... Ke4 2. Sc3‡
1. ... B any 2. Sf4‡</p> <p>14. 1. Re8
1. ... Ke4 2. Q×f5‡
1. ... B×g8 2. Sb4‡</p> | <p>15. 1. Sf4
1. ... K×f4 2. Qf3‡
1. ... Sf3 2. Qd7‡</p> <p>16. 1. Qb3
1. ... K×f3 2. S×e5‡
1. ... K×f5 2. Sce3‡</p> <p>17. 1. Se3
1. ... K×e3 2. Q×e2‡
1. ... Rc2, &c. 2. Qe8‡</p> <p>18. 1. Qf5
1. ... B×f5 2. S×f5‡
1. ... S×e4 2. Sb5‡</p> <p>19. 1. Ra1
1. ... S×e2 2. Qb1‡
1. ... K×f5 2. Qh7‡</p> <p>20. 1. Bb7
1. ... S×e6 2. c7‡
1. ... K×e6 2. S2f4‡</p> <p>21. 1. Sf5
1. ... any 2. Q/S/R ‡</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

22. 1. Bc3
1. ... Kxc6 2. Rc4†
1. ... Rxc3 2. Sb4†
23. 1. Rd4
1. ... any 2. R/S/B †
24. 1. Be1
1. ... any 2. †
25. 1. Bf6
1. ... Kxd5 2. Sc3†
1. ... Bxd5 2. Bf5†
26. 1. Bf6
1. ... exf6 2. Bf7†
1. ... Sxf6 2. Se5†
27. 1. Qh7
1. ... R×h7 2. Sf6†
1. ... S×e8 2. Qb7†
[1. Sf6†]
28. 1. Qf7
1. ... Bxf7 2. g6†
1. ... d3 2. Qf2†
29. 1. Bc6
1. ... Bxc6 2. Qb8†
1. ... Bxc3 2. Sf3†
30. 1. Rc5
1. ... Kb4 2. Sd5†
1. ... Kd4 2. Qg7†
[1. Sd1†]
31. 1. Qe6
1. ... S×e7 2. Qxb6†
1. ... Kc5 2. Qd6†
32. 1. Re4
1. ... dx×e4 2. Se3†
1. ... K×e4 2. Qc2†
33. 1. Bf6
1. ... Q×e6 2. Qd3†
1. ... Be4 2. Qb5†
34. 1. Qh5
1. ... Q×h5 2. Se7†
1. ... exf5† 2. Q×e8†
35. 1. Bc6
1. ... Rxc6 2. Rd5†
1. ... Bxc6 2. Re6†
36. 1. Qh5
1. ... B×h5 2. Bd7†
1. ... R×h5 2. Sd4†
37. 1. Rh5
1. ... B×d2/h6 2. Sd3†
1. ... Be4/d3 2. Qf4†
38. 1. Ba3
1. ... b×a3 2. Rb5†
1. ... b3 2. Be7†
39. 1. Be5
1. ... any 2. †
40. 1. Kf5
1. ... Qf6† 2. Sxf6†
1. ... Qe5† 2. Q×e5†
1. ... Be6† 2. Q×e6†
41. 1. Sd4
1. ... Sf3† 2. Sxf3, any
3. Q/R/S/B †
1. ... Sc4† 2. Bxc4†, K×e4 3. Qh4†
2. ... Kxc4 3. Qe6†
1. ... K×e4 2. Sc3†, Kf4 3. Qh4†
2. ... Kxd4 3. Ba7†
1. ... axb4 2. Bc6†, any 3. Qe6†
42. 1. Qe2
1. ... f5/Kd5 2. Rc6, any 3. Q †
1. ... Re3 2. Rf4†, ~ 3. Qc4†
1. ... Rd3 2. Rc6†, Rd5 3. Q×e5†
1. ... Bc7 2. Rb6†, any 3. Q †
1. ... f6 2. Qg4†, any 3. Qg8†
43. 1. Qg4
1. ... Kf6 2. Bg8, any 3. Q †
1. ... Kd6 2. Sb5†, K~ 3. Q †
[2. ... Kc6!]
1. ... Kd4 2. Qe2, any 3. Sb5†
1. ... c3 2. Bc4, Kd4 3. Qf4†
1. ... Bg7 2. Sb5, any 3. Q †
44. 1. Sa6
1. ... Kf6 2. Sc5, any 3. Q/S †
1. ... exd6 2. Sc7, any 3. Q †
1. ... Kxd6 2. Qe4, any 3. Qd5†
1. ... d1Q 2. Qf5†, Kd4 3. Qc5†
45. 1. Qc6
1. ... Kd4 2. Qc3†, K×c3 3. Se2†
1. ... Kxf4 2. Qe4†, Kg5 3. Sf7†
1. ... Rg5 2. Qd5†, Kxf4 3. Qe4†
1. ... Rxh2 2. Qe4†, Kxd6 3. Qd5†
1. ... f5 2. Qc3†, Kxf4 3. Qg3†
2. ... Kxd6 3. Qc7†
46. 1. Bb6
1. ... axb6 2. Ba4, any 3. Q/S †
1. ... Kc6 2. Sxa7†, K~ 3. Q/B †
1. ... Bxf5 2. Sc7†, Kc6 3. Ba4†
1. ... Sb3 2. Qd6†, K~ 3. B †
1. ... Se2 2. Qc5†, Ke4 3. Bc2†
1. ... Sc3 2. Qd4†, Kc6 3. Sxa7†
47. 1. d5
1. ... Bxa1 2. Sd6†, Ke5 3. Shf7†

47. 1. d5—cont.
1. ... Sg4 2. Q×e5†, S×e5 3. Sd6†
1. ... B×h8 2. Sd6†, Kg6 3. Be8†
1. ... Bb8 &c. 2. Qf6†, Ke4 3. d6†
1. ... Ke4 2. d6†, Kf5 3. Q×e5†
48. 1. Sf3
1. ... Kxf3 2. Qh5†, K~ 3. Qh1†
1. ... Kd5 2. Q×e6†, ~ 3. B/S †
1. ... Bxb1 2. Sg5†, Kd5 3. Q×e6†
1. ... c4 2. Sg5†, Kd5 3. Rb5†
[1. Rb4†]
49. 1. Bc1
1. ... e4 2. Qh6, any 3. Q †
1. ... Ke4/Kc3 2. Qe2†, any 3. Q †
50. 1. Sd8
1. ... Rxb6 2. Qc6, any 3. S/B/P †
1. ... K×g5 2. f4†, K~ 3. Q †
1. ... Sxf3 2. Se6†, Ke4 3. Qc6†
51. 1. Qb5
1. ... Kf5 2. Qf1, any 3. Q/S †
1. ... Sxb5 2. Se5†, K~ 3. R/S †
1. ... Sd7 2. Qe2†, Kf5 3. Q×e6†
1. ... e5 2. S×e5†, K~ 3. Q/R †
52. 1. Re3
1. ... gx×f4 2. Qg4, any 3. S/Q †
1. ... K×e5 2. Qxd6†, Kxd6 3. Sf7†
1. ... Bxf4 2. Sg8†, K×e5 3. Qd5†
1. ... Q×d1 2. Rxf5†, Bxf5 3. Sg8†
53. 1. Qh2
1. ... S×h2 2. Bd3, any 3. S †
1. ... K×e6 2. Qe5†, any 3. S/Q †
[2. Qa2†]
1. ... B×e6 2. Sb4†, Kc4 3. Qa2†
54. 1. Sg4
1. ... Bg2 2. Bc5†, K~ 3. Q/R †
1. ... Rxf7 2. Qxc4†, K~ 3. B/S †
1. ... fxg4 2. Qf6, any 3. Q †
1. ... Bd3 2. Qf4, any 3. Q/S †
55. 1. Rd1
1. ... K×e4 2. Sb5, any 3. Q/S †
1. ... fx×e4 2. Bb2†, Kc5 3. Ba3†
1. ... Sxa7 2. B×g7†, Kc6 3. Be8†
1. ... Rg1 2. B×g7†, Rxd1 3. Q×f5†
56. 1. Ba7
1. ... Rc8 2. Qg3, any 3. Q/R †
1. ... Sc6 2. Sc7†, Kc5 3. Rc4†
1. ... e2, &c. 2. Rxa5†, bxa5 3. Sc7†
57. 1. Sh7
1. ... Ke4 2. d5, Kxf3 3. Sg5†
1. ... Sg4 2. Rf5†, Ke4 3. Sd6†
1. ... c3 2. Sf6†, Kc4 3. Sd6†
58. 1. Rf6
1. ... Sxf6 2. Qf5†, Kxf5 3. Sd6†
1. ... Bd5 2. Re2, any 3. Q/S/B †
1. ... Kd5 2. Sd6†, Kc5 3. Sxd7†
59. 1. Qg1
1. ... e4 2. Qb6, any 3. Q †
1. ... Ke4 2. Qf1, any 3. Q/B †
60. 1. Qh8
1. ... Kc5 2. Qh4, any 3. Q †
1. ... Kd3 2. Qb2, any 3. Q/B †
61. 1. Sd3
1. ... Kc4 2. Qe6†, K~ 3. Q †
1. ... Kd6 2. Qe5†, Kc6 3. Qc5†
1. ... Be3 2. Qh5†, K~ 3. Q/B †
62. 1. Qc8
1. ... exd6 2. Sf3, Ke4 3. Qe6†
1. ... Kxd6 2. Sf7†, Kd5 3. Qc4†
63. 1. Be4
1. ... Sg8 2. Qe5†, ~ 3. S/B †
1. ... e2 etc. 2. Qg7†, ~ 3. Q †
64. 1. Sfd5
1. ... cxd5 2. Sc6†, Kf6 3. Rf4†
1. ... c5 2. Sc6†, Kxd5 3. e4†
1. ... cx×b5 2. Be8, Ke6 3. Re4†
65. 1. Rd3
1. ... cxd3 2. Bd2, K~ 3. B/S †
1. ... K×e4 2. Bf5†, K~ 3. B/S †
1. ... c3 2. Scd6, c2 3. Sc3†
[1. Se7† 1. Sb6†]
66. 1. Sd4
1. ... f3 2. Rg5†, Kf4 3. Se6†
1. ... Sh3 2. Re2†, Kxd4 3. Scb5†
1. ... Sf3† 2. Sxf3†, Kf5 3. Rg5†

67. 1. Sc5
 1. ... Bf5 2. Re4†, ~ 3. S7~ †
 1. ... Kxc5 2. Kc3, ~ 3. Sa6†
 1. ... dxc5 2. Bc2, ~ 3. R/B †
68. 1. Qf8
 1. ... Kc3 2. Qb4†, Kxb4 3. Sa2†
 1. ... Kd5 2. Qxf6, ~ 3. c4†
 1. ... Ke5 2. Kc5, ~ 3. Q †
69. 1. Sc5
 1. ... Kxc5 2. Qa4, ~ 3. Q †
 1. ... Bc6 2. Qb1†, Kxc5 3. Qg1†
 1. ... a4 2. Sfd7†, K~ 3. Q †
 1. ... f4 2. Qb1†, Kxc5 3. Qb5†
 1. ... Bd5 2. Sfd7†, Kc6 3. Qa4†
 1. ... Be4 2. Qb3†, K~ 3. Qb5†
70. 1. Qe5
 1. ... bxc4 2. Qg7, ~ 3. Qb7†
 1. ... dxe5 2. Rxc5†, Sxc5 3. Sxb4†
71. 1. Sd4
 1. ... b5/a2 2. Qb3†, cxb3 3. Sc6†
 1. ... dxe4/Ka5 2. Bb5, ~ 3. Qa4†
72. 1. Qf5
 1. ... Qb4 2. Bb2, any 3. Q/R/S †
 1. ... Qf3 2. Qd7†, Kxc5 3. Qd4†
73. 1. Bd4
 1. ... Sxd4 2. Qe5†, Kxe5 3. Sd3†
 1. ... Bxb4 2. Qc7†, Kxg5 3. Qg3†
74. 1. Bf4
 1. ... Kxd5 2. Qxe4†, Kxe4 3. Sf6†
 2. ... fxe4 3. Se7†
 1. ... Bxd5 2. Qh7, Bxe6 3. Qb7†
75. 1. Qf1
 1. ... Sf4 2. Sd4, any 3. †
 1. ... d4† 2. Sc4†, Kd5 3. Sxb4†
 1. ... Rf3† 2. Sf5†, Kxf5 3. Sce3†
76. 1. Rb4
 1. ... Rxb4 2. Qf2, Kd5/Rf1 3. Sf6†
 1. ... Kf5 2. Sxe4, any 3. Sxe5†
 1. ... dxc5 2. Sf6†, K~ 3. Sdxe4†
77. 1. Sg4
 1. ... Rh6† 2. Bxh6, any 3. R/S †
 1. ... Kxd5 2. Sf6†, K~ 3. S/B †
77. 1. Sg4—cont.
 1. ... dxc5 2. Re5†, Rxe5 3. Sxg3†
 [1. ... f4!]
78. 1. Qb7
 1. ... Bxb7 2. c3†, K~ 3. Bc2†
 1. ... Rxb7 2. Sxf3†, Ke4 3. Sg3†
 1. ... cxb3 2. Sxf3†, Kc4 3. Se3†
79. 1. Bb4
 1. ... Sxe4† 2. Qxe4†, K~ 3. S †
 1. ... Kxc6 2. Qa8†, Kxb6 3. Ba5†
 1. ... Sxb4 2. Qxd7†, Kc4 3. Sa5†
 1. ... dxc6 2. Sd2, any 3. Q †
80. 1. Qg7
 1. ... Rxg5† 2. Qxg5†, any 3. Q/S †
 1. ... Bxc4 2. Sf6†, any 3. Q †
 1. ... Rxd3 2. Qe5†, Kxc4 3. Sd2†
81. 1. Scd4
 1. ... Re8 2. Qa4, any 3. Q/S †
 1. ... Rxd4 2. Se5†, Ke2 3. Qf3†
 1. ... Rd5 2. Qxd5, any 3. Q/S †
 1. ... Kc4 2. Se5†, Kxb4 3. Qa3†
 [1. Se7†]
82. 1. Kf6
 1. ... Bxd3 2. Qc4†, any 3. S/B †
 1. ... Rc5 2. Se7†, Kd6 3. Qf4†
83. 1. Sf8
 1. ... Kxc5 2. Se6†, Kb6 3. Bc7†
 1. ... Bg5 etc. 2. B(x)e5†, Kxc5 3. Sd7†
84. 1. Qe4
 1. ... Kxc5 2. Qb1, any 3. Q †
 1. ... e6 etc. 2. Q(x)e5†, Kxc5 3. Se4†
85. 1. Rh5
 1. ... Bxf4 2. Bc3†, any 3. B/P †
 1. ... Kxf4 2. Bxd6†, Kg4 3. Sxf6†
86. 1. Rg6
 1. ... Bxb7 2. Rd6†, any 3. B/S/R †
 1. ... Sb5 2. Sc6†, Kc5 3. Bb4†
 1. ... Kc5 2. Ke3, any 3. R/S/B †
87. 1. Rd4
 1. ... Bxd4 2. Sd8†, K~ 3. Sc4†
 1. ... Bc7 2. Rxd7, any 3. R/B †

87. 1. Rd4—cont.
 1. ... Bc5 2. Sd8†, Ke5 3. f7†
88. 1. Bc4
 1. ... Kxc4 2. Qd5†, K~ 3. S/Qb3†
 1. ... Bxg7 2. Qe1†, any 3. Q/S †
 1. ... Re4/Rd4 2. bxc3†, K~ 3. Q/S †
89. 1. Ra4
 1. ... g2 2. Qd4†, any 3. S/B †
 1. ... Bxa7 2. Bxg3†, Kd4 3. Sd3†
 1. ... b5 2. Qe7†, K~ 3. Qxd6†
 1. ... c5 2. Sd5, any 3. Bxf6†
90. 1. Qh7
 1. ... Bxe4 2. Qxe4†, Kxe4 3. Bg2†
 1. ... Bd4† 2. Rxd4†, K~ 3. Rxd6†
 1. ... Kc6 2. axb5†, K~ 3. Q †
 1. ... Sc5 2. Sb6†, Kc6 3. Qc7†
 1. ... Sc7 2. Qf5†, Kc6 3. Sd8†
91. 1. Re4
 1. ... Rc2 2. Se2, any 3. R/S/B †
 1. ... Rf4/Rf3 2. Sf5, any 3. R/S †
92. 1. Re4
 1. ... fxe4 2. Qxe4†, Kxe4 3. Bxc6†
 1. ... Sc4† 2. Rxc4, any 3. Q/R †
 1. ... Sb1† 2. Kd3, fxe4† 3. Qxe4†
 1. ... Sb5/Sc2 2. Sd3, any 3. R/S/B †
93. 1. Qf1
 1. ... Kxd5 2. Qxa6, any 3. Q †
 1. ... Kxf5 2. Qxf4†, Kg6 3. f8S†
 1. ... Bxg3 2. Sd6†, K~ 3. Q/R †
94. 1. Rh7
 1. ... Qxa2 2. Bb6, Kxd5 3. Sac7†
 1. ... Qh4 2. Sc5†, dxc5 3. f5†
 1. ... cxd5 2. Bd8, any 3. R/S †
95. 1. Be2
 1. ... Kxe3 2. Sc1, any 3. S †
 1. ... bxc4 2. Sd3†, cxd3 3. Ra4†
96. 1. hxg5
 1. ... Bg8† 2. Rh4†, Kc6 3. Sd8†
 1. ... Be5† 2. Rf4†, Kc6 3. Sxe5†
 1. ... Ke6 2. Re4†, Kf5 3. Rf4/Sg3†
 [1. Rd4†]
97. 1. Qd3
 1. ... Bxd3 2. Rc5†, K~ 3. S †
 1. ... Rxd6 2. Qxd6†, Kxd6 3. Bxg3†
98. 1. Kb4
 1. ... bxc4† 2. Kxc3, any 3. S/P †
 1. ... exf3 2. e4†, Kxd4 3. Rbd2†
 1. ... cxb2 etc. 2. Sxc7†, Rxc7 3. Sb6†
99. 1. Sb3
 1. ... Raxb3/axb3/cxb3 2. Bc5, any 3. Sh3†
 1. ... Rh3† 2. Sxh3†, Ke3 3. Re1†
 1. ... Re1 2. Bc5†, Kxf1 3. Sd2†
100. 1. Bb3
 1. ... Qxe4† 2. dxe4†, Kxe4 3. Sd6†
 1. ... Qxb3 2. Sd6†, Ke6 3. Sf4†
101. 1. Qd7
 1. ... Bxd7 2. Rc5†, Kd6 3. Se4†
 1. ... Bxe3 2. Qxg7†, Kf4 3. Sce2†
102. 1. Bxf5
 1. ... gxf5 2. Qg8†, ~ 3. S †
 1. ... ~ 2. Be6†, ~ 3. Q/R/S/B †
103. 1. Qxa4
 1. ... Ke4 2. c4, d3/Kd3 3. Qe8/Qc2†
 1. ... Ke6 etc. 2. Bf3, ~ 3. Q †
104. 1. Qd3
 1. ... Kf4 2. Sf3, ~ 3. Q/S †
 1. ... Kd6 2. Sc6, ~ 3. Q †
 [1. Qa1]
105. 1. Rc3
 1. ... dxc3 2. Qc8, ~ 3. Q †
 1. ... dxe3 2. Rxe3†, ~ 3. Q/P †
 1. ... f2 2. Se7†, Kf4 3. Sg2†
 1. ... g5/g3 2. Sf6†, Kf4 3. Q/S †
106. 1. Qa6
 1. ... Bg5 2. Bh6, ~ 3. Q/R/S/B †
 1. ... Bg7 2. Bxg7†, Kxf4 3. Qf6†
 [1. Qa4]

- 107.** 1. Rd2
1. ... e×d2 2. Bh5, ~ 3. B/S †
1. ... S~ 2. Sf6†, Kf3 3. Bh5†
1. ... K×d5 2. K×b5, ~ 3. Bc6†
- 108.** 1. Qf8
1. ... K×d4 2. Q×d6, K~ 3. Q †
1. ... Kf5 2. Qh6, K~ 3. Q/S †
- 109.** 1. Sc4
1. ... g5 2. c×d4, ~ 3. R/B †
1. ... d3 2. Sed2, g5 3. e4†
- 110.** 1. Sc4
1. ... K×d5 2. S×b3, K~ 3. B †
- 111.** 1. Qh7
1. ... S×h7 2. S×d7†, Ke4 3. Sf2†
1. ... Bh6 2. Bd4†, Kd6 3. Se8†
- 112.** 1. Qa8
1. ... Be4† 2. Q×e4†, S×e4 3. S×c4†
1. ... S×f5 2. Qh8†, ~ 3. Q/B †
[1. R×d5†]
- 113.** 1. Rh1
1. ... B×h1 2. B×e3, ~ 3. Q/R †
1. ... e5 etc. 2. Rh5, ~ 3. R/S †
1. ... Sf6 2. Se7†, Ke5 3. f4†
[1. B×e3]
- 114.** 1. Rh4
1. ... K×e5 2. R×f4, ~ 3. S/B †
1. ... d×e5 2. Ba7, ~ 3. Sd3/S×e6 †
1. ... g5 2. S×e6†, ~ 3. R/P †

- 121.** 1. Rh7
1. ... R×h7 2. Bg7, Rh×g7 3. Qg2†, R×g2 4. B×b7†
2. ... Rg×g7 3. B×b7†, R×b7 4. Qg2†
1. ... Kc6† 2. R×d7, K×d7 3. Bb5†, Kd8/c8 4. Qa8†
1. ... Rgg7 2. Qg2†, R×g2 3. R×d7†, Kc6 4. Rd6†
- 122.** 1. Qc7
1. ... b×a4 2. Rf7, Kc5 3. Qd6†, K×d6 4. Sd7†
2. ... Bd2 3. S×c6†, any 4. Q/P †
2. ... Ke3 3. Sc4†, any 4. Q/B †
1. ... b4 2. Sf3†, Ke3 3. Qe5†, K×f2 4. Qe2†
[1. Re3!]

- 115.** 1. Qf6
1. ... R×f6 2. Sf2, ~ 3. S/B †
1. ... Sd7/Sh7 2. Sc3, ~ 3. S †
1. ... Sc~ 2. Qh4, ~ 3. Q †
- 116.** 1. Kb4
1. ... Kf4 2. Qf5†, K×f5 3. Rf3†
1. ... B×d3 2. Qc4†, K~ 3. Qg4†
1. ... S×e6 2. Re3†, K~ 3. S/B †
1. ... B×c5† 2. S×c5†, Kf4 3. Qf6†
1. ... Bf3 2. S×g6, ~ 3. Q †
- 117.** 1. Qg6
1. ... B×g6 2. Rh5†, ~ 3. Sd3/Sd5 †
1. ... R×f3† 2. S×f3†, Kf4 3. Sd5†
- 118.** 1. Qc8
1. ... Se6 2. S×e6†, f×e6/R×e6 3. Qc1†
1. ... Re6 2. Bh6†, ~ 3. Q/S †
1. ... B×e4† 2. S×e4†, Kg6 3. Rg5†
1. ... S×e4 2. S×e4†, Kg6 3. Q×g4†
- 119.** 1. Qb3
1. ... B×b3 2. Se5†, B×e5 3. Be2†
1. ... S×b3 2. B×c4, ~ 3. B/S †
1. ... Bd5† 2. Q×d5, e×d5 3. Bc8†
- 120.** 1. Qd3
1. ... Q×d3† 2. S×d3†, ~ 3. B/S †
1. ... c×d3 2. Se6†, S×e6 3. Bd6†
1. ... Qb3 2. Se6†, Kb4 3. Q×b3†

- 123.** 1. Sb7
1. ... S×b7 2. R×c6, Sd8 3. S×b6, S×c6 4. Sc4†
1. ... c×d5 2. Rc7, S×b7 3. Rd7, Sd6 4. Re7†
1. ... g×h4 2. Bf4†, Kd4 3. S×b6, any 4. Rc4†
[2. S×b6!]
1. ... b5 2. Se7, S×b7 3. R×c6, any 4. R/S †
- 124.** 1. Qf5
1. ... e×f5 2. Re7, f3 3. Se8†, K×d5 4. Sb4†
2. ... a5 3. Se8†, K×d5 4. Re5†
2. ... c3 3. B×b3, any 4. Se8†
[2. ... Sge6!]
[2. Se8†]
1. ... f3 2. Se8†, Kd7 3. Sa7†, K~ 4. Qf6†
1. ... Sg6 2. Q×g6, Bf2 3. Qe8, B×d4 4. Qe7†
3. ... Kc7 4. Qb8†
2. ... Se4 3. Se8†, K~ 4. Q †
- 125.** 1. Qa1
1. ... R×e4 2. Rd4, c×d4 3. Qa6†, K×d5 4. Q×b5†
2. ... R×d4 3. Se7†, Kc7 4. Qa5†
1. ... Ra8† 2. K×a8, S×e4 3. Se7†, K~ 4. Q †
1. ... S×e4 2. Qa6†, K×d5 3. Qb7†, Ke5 4. Q×e4†
- 126.** 1. Rf7
1. ... S×f7 2. Qh5, Sh8 3. Sc2, any 4. Q/R/S †
[2. ... Bd4!]
1. ... Bf6 2. Rd5, f3 3. R×f6, any 4. Q †
- 127.** 1. Rc7
1. ... S×c7 2. g4†, f×g3 ep 3. Sc2, any 4. Se3†
1. ... Sf6 2. Rf7, Rf8 3. R×f8, any 4. R×f6†
- 128.** 1. Sg6
1. ... e5 2. Rd7, Bb6 3. Bd5†, Kd4 4. S×f5†
1. ... B×e3 2. Re5†, Kd4 3. d×e3†, Kc4 4. Rc5†
1. ... c5 2. Rd7, c4 3. S×c4, any 4. P/B †
[1. ... c6/Bb6!]
[1. R×f5]
- 129.** 1. R×f4
1. ... e×f4† 2. Q×d4†, K×d4 3. Sf6, any 4. Be5†
1. ... B×g1 2. Sf6†, Ke6 3. Bd7†, Kf7 4. S×e5†
1. ... Bg2 2. Sf6†, Ke6 3. Kg7, any 4. B/Q †
- 130.** 1. Qh4
1. ... B×d4 2. Q×e7, Bg8 3. R×c3†, any 4. Q/B †
1. ... B×h4 2. Rd3, e×d3 3. e3, Be~ 4. Sb6†
3. ... c2 4. Sb6/Se5 †
—cont.

130.—*cont.*

1. ... Sxe2 2. Qxe7, S-g3 3. Bc2, any 4. Q‡
 1. ... Be3 2. Bxe3, c2 3. Qe1, any 4. Q/S ‡

131. 1. Qc1

1. ... Sd3 2. Qa3, Ba7 3. Qa5, Se5/Se3 4. S/R ‡
 1. ... Sxc2 2. Qd1+, Sd4 3. Qxd4+, cxd4 4. Sxb4#
 1. ... Sf4/Se3 2. Qxf4, Sxc2 3. Qe4‡, Bxe4 4. fxe4‡
 1. ... Bxc2 2. Qa3, Bxb3 3. Qxb3, any 3. Rd4‡
 [1. ... Ba7! 1. ... Sxf3!]

132. 1. Qe2

1. ... dxe2‡ 2. Ke1, Bxb5 3. Sed4, Kxd4 4. Rxf4‡
 1. ... dxc2‡ 2. Kc1, g4 3. Sed4, Bh6 4. Rf5‡
 1. ... d2 2. Rxf4‡, Kxe6 3. Qg4‡, f5 4. Qxf5‡

133. 1. Qg7

1. ... Bxg7 2. Sf5‡, Ke5 3. d4‡, Ke6 4. Sd8‡
 1. ... Rh6 2. Sxe2‡, Ke5 3. d4‡, Ke6 4. Sxf4‡
 1. ... Bxd3 2. Qxf6‡, Kc4 3. Ba2‡, b3 4. Qc3‡

134. 1. Qd2

1. ... Rxd2 2. Rf4‡, Bxf4 3. Sxd2‡, K~ 4. B/P ‡
 1. ... Kxf5 2. Qf2‡, Ke4 3. Bxg6‡, Kd5 4. Qf7‡
 1. ... gxf5 2. Qc2, axb3 3. Qc6‡, d5 4. Qxd5‡
 1. ... gxh3 2. Bd5‡, Kxf5 3. e4‡, Kg4 4. Qg5‡
 1. ... Be5 2. Sc5‡, Kxf5 3. Qf2‡, Bf4 4. Qxf4‡
 1. ... g5 2. Bg6, Bxg1 3. Rf4‡, Kd5 4. Bf7‡

135. 1. Ra1

1. ... Rxa1 2. Qd2, Bxd2 3. Sc5, any 4. R/B ‡
 1. ... f4 2. Sc5, f3‡ 3. Kh1, any 4. R/B ‡

136. 1. Ra4‡

1. ... bxa4 2. Qf5, axb6 3. Qf1, any 4. Qa1‡

137. 1. Sc4

1. ... bxc4 2. Bc3, Bxc3 3. Sf7, any 4. R/S ‡
 2. ... Bxe3 3. Re5‡, Kf4 4. Se6‡

138. 1. Rxd5‡

1. ... Ke4 2. Qe2‡, Kxd5 3. Qd3‡, Kxc6/Kxe6 4. Qd7‡
 1. ... Kc4 2. Qc2‡, Kxd5 3. Qd3‡, Kxc6/Kxe6 4. Qd7‡
 1. ... Ke3 2. Rxd2, Ke4 3. Qe2‡, Kf 4. Se7‡
 1. ... Kc3 2. Rxd2, Kc4 3. Qc2‡, Kb5 4. Sc7‡

139. 1. Qe7

1. ... Rxe7‡ 2. Sxe7‡, Kd6 3. Sgf5‡, Ke6 4. Bc4‡
 1. ... Sxd3 2. Se3‡, Sxe3 3. Qd7‡, K~ 4. Qd4‡
 1. ... Be5 2. Sxe8, Se3 3. Sf6‡, Bxf6 4. Qd6‡
 [2. ... Sxd3!]
 [2. Qxf7‡]

140. 1. Bc2

1. ... Bxc2‡ 2. Kc3, Rc7‡ 3. Rc4, any 4. S/B ‡
 1. ... Be2 2. Rc4, Bxc4‡ 3. Sxc4‡, Kd4 4. Be3‡

141. 1. Ra2

1. ... c4‡ 2. e3, Bxe3‡ 3. Bxe3, Rd8 4. Sd3, any 5. R/B/S ‡
 1. ... Bxb3 2. Sd3, c4‡ 3. Bxb6, cxd3 4. Se4‡, Kf4 5. e3‡
 [3. e3!]

1. ... Bxf5 2. Sxf5‡, Kf4 3. e3‡, Kg5 4. Sd6, c4 5. Sf7‡

142. 1. d6

1. ... f5 2. Bg5, Kd4 3. Be4, fxe4 4. Rd2‡, Ke3 5. f5‡
 1. ... g5 2. Sh5, g4 3. f5, gxf3 4. Sf4‡, Kd4 5. Bxf6‡
 [1. Bd6!]

143. 1. Qb1

1. ... Rh2‡ 2. Bg2‡, Rxc5 3. Qf5‡, Kd6 4. Qxc5‡, Kxc5 5. Sxb7‡
 1. ... Rxd8 2. Bxg8‡, Kd6 3. Qg6‡, Ke7 4. Qf6‡, Ke8 5. Qxd8‡
 1. ... Rb8 2. Bxb7‡, Kd6 3. Rd5‡, Ke7 4. Qxh7‡, K~ 5. Qf7‡

144. 1. Re8

1. ... Bxe8 2. f7, Rxd6 3. Ra4, Rc6 4. Sc5‡, any 5. S ‡
 3. ... Rxd5 4. Sf2‡, Bxf2 5. Bc2‡
 1. ... Se7 2. Rxe7, Be6 3. f7, Bxd5 4. Rxe5‡, Bxe5 5. Sf2‡
 [3. ... Ra8‡!]

[1. Rc4!]

145. 1. Qe6

1. ... Sd4‡ 2. Kb1, Bg6 3. Qxg6‡, Kxg6 4. Sde5‡, K~ 5. R/B ‡
 3. ... hxg6 4. Rh8‡, Kxg4 5. Sde5‡
 2. ... Sac6 3. Sf4‡, gxf4 4. Qh6‡, Kxg4 5. Rxf4‡

146. 1. Be5

1. ... Bxe5 2. Sf6‡, Kd4 3. Qf4‡, Bxf4 4. Sb5‡, Bxb5 5. Rd5‡
 1. ... Sxe5 2. Sf6‡, Kd4 3. Qf4‡, Be4 4. Qxe4‡, Kc5 5. Qb4‡
 [1. Bd4]

147. 1. c4

1. ... e5 2. c5, e4 3. c6, e3 4. c7, e2 5. Qc6‡

148. 1. Bg6

1. ... d3‡ 2. Sxd3‡, Qxh4 3. Sa5‡, Kd4 4. Sb3‡, Kc4 5. Se5‡
 1. ... Qxg6‡ 2. Sxg6, gxf6 3. fxg3, a5 4. Rg4, f5 5. Se5‡