

The Rolfsen Knot Table

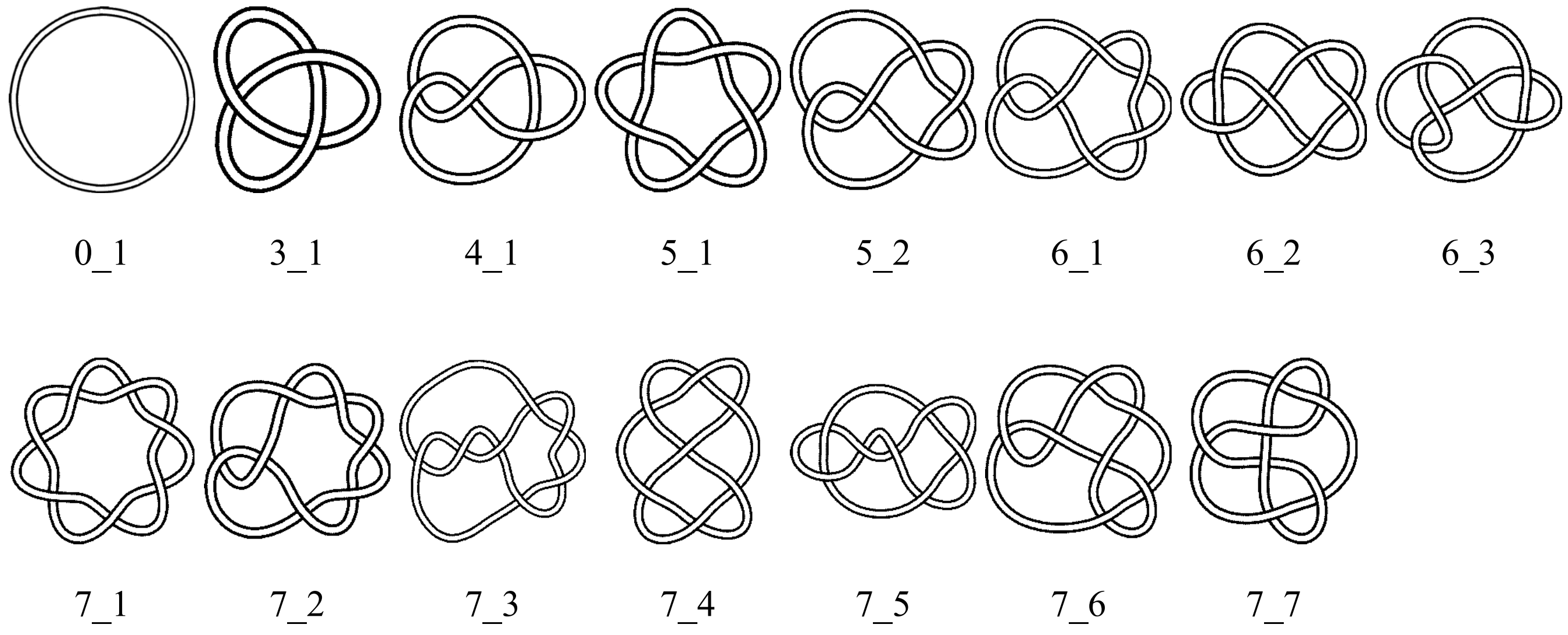
From Knot Atlas

Click a knot to learn more about it!

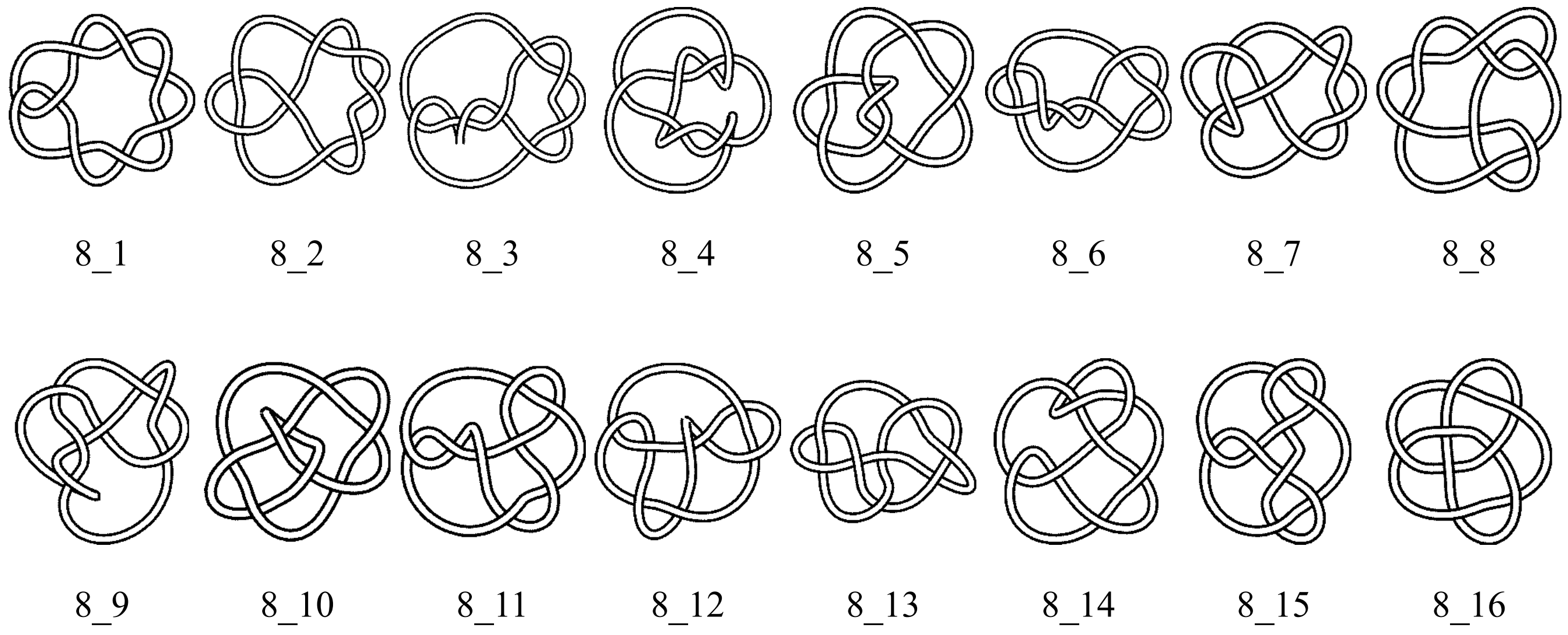
Contents

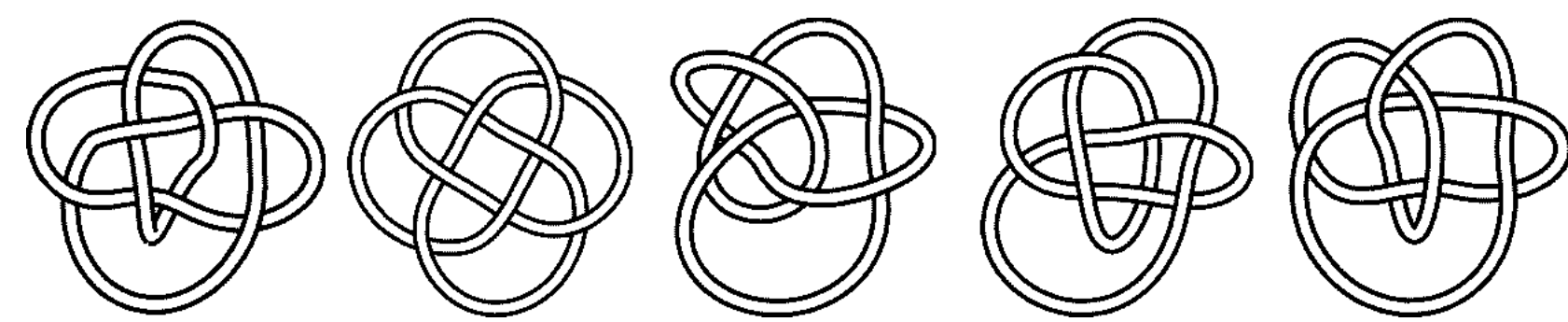
- 1 Knots with 7 or fewer crossings
- 2 Knots with 8 crossings
- 3 Knots with 9 crossings
- 4 Knots with 10 crossings

Knots with 7 or fewer crossings



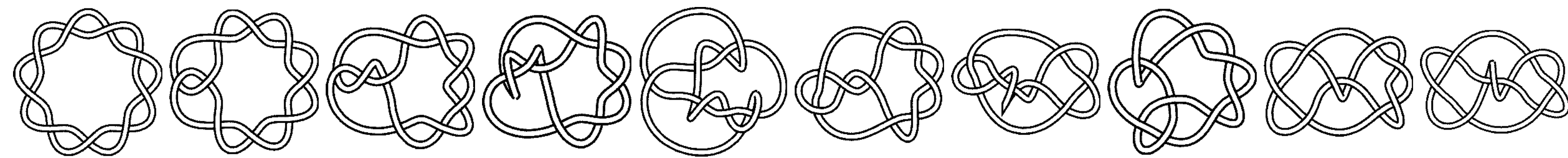
Knots with 8 crossings



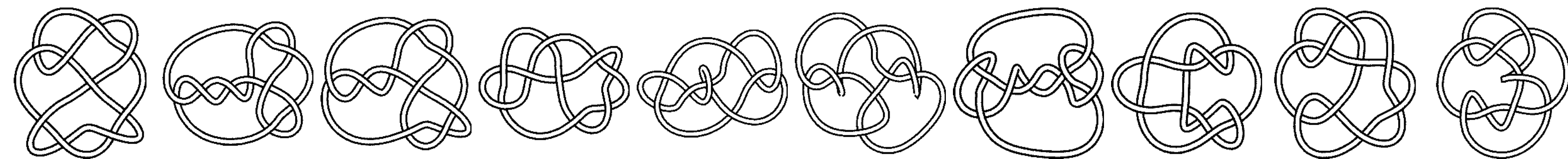


8_17 8_18 8_19 8_20 8_21

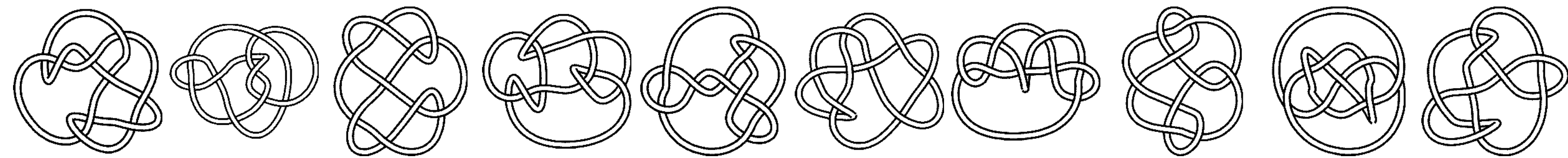
Knots with 9 crossings



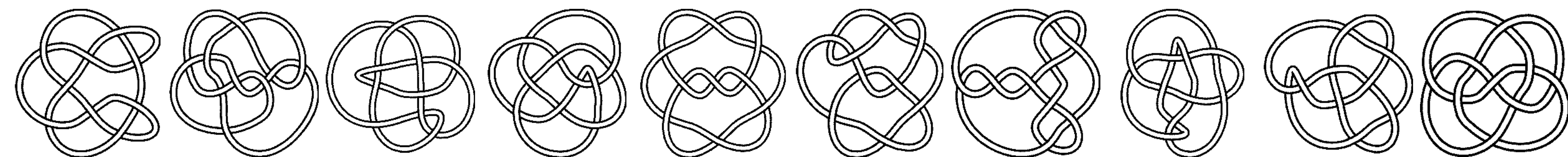
9_1 9_2 9_3 9_4 9_5 9_6 9_7 9_8 9_9 9_10



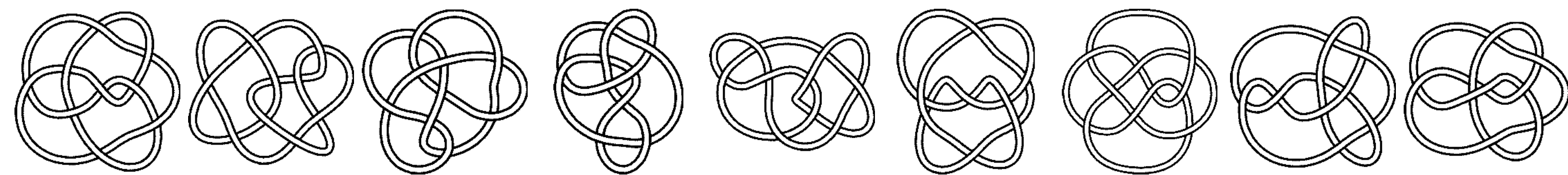
9_11 9_12 9_13 9_14 9_15 9_16 9_17 9_18 9_19 9_20



9_21 9_22 9_23 9_24 9_25 9_26 9_27 9_28 9_29 9_30

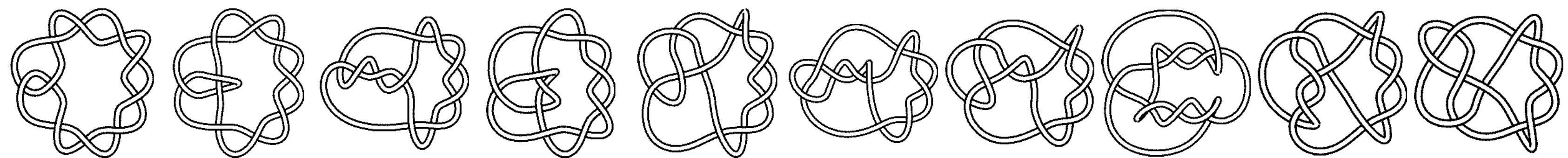


9_31 9_32 9_33 9_34 9_35 9_36 9_37 9_38 9_39 9_40

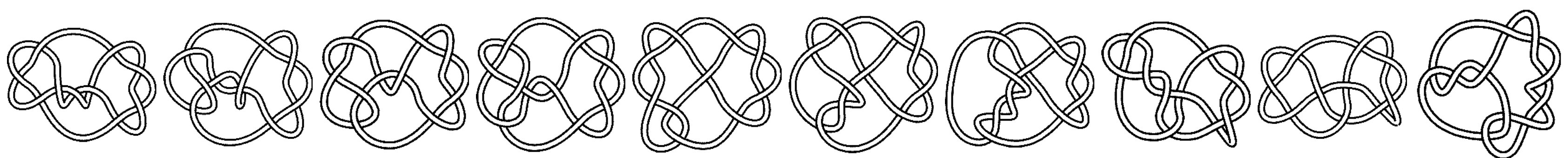


9_41 9_42 9_43 9_44 9_45 9_46 9_47 9_48 9_49

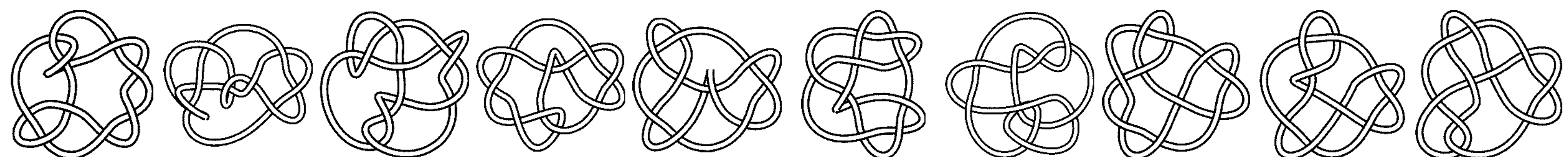
Knots with 10 crossings



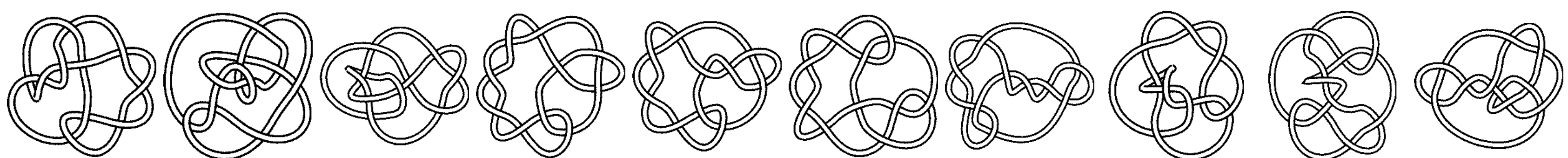
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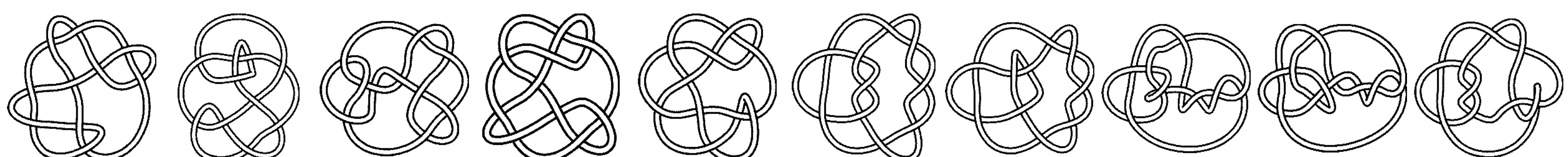
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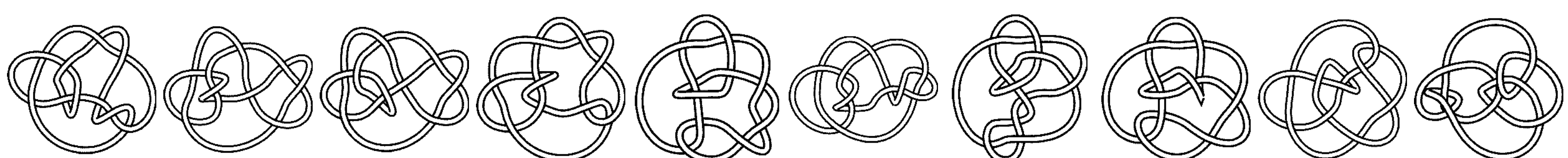
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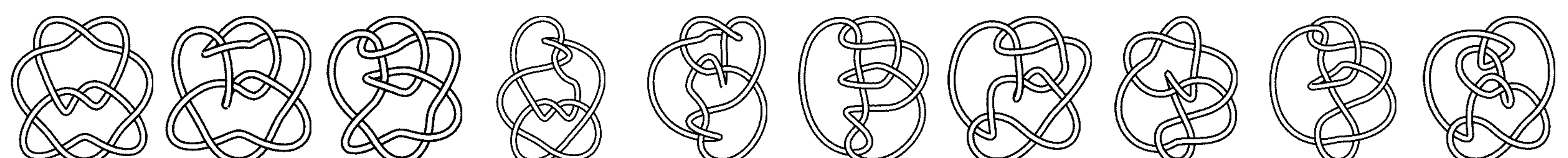
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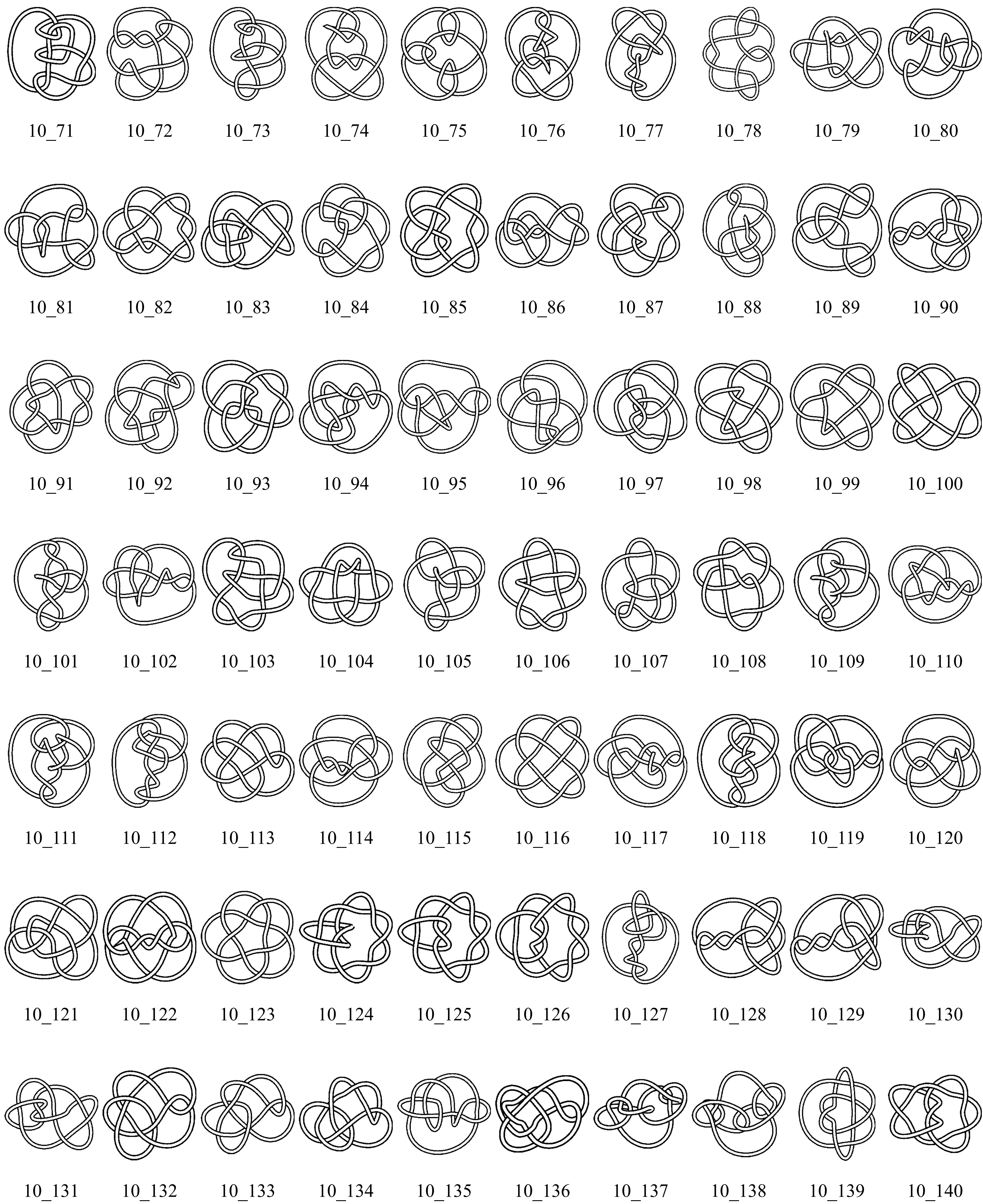
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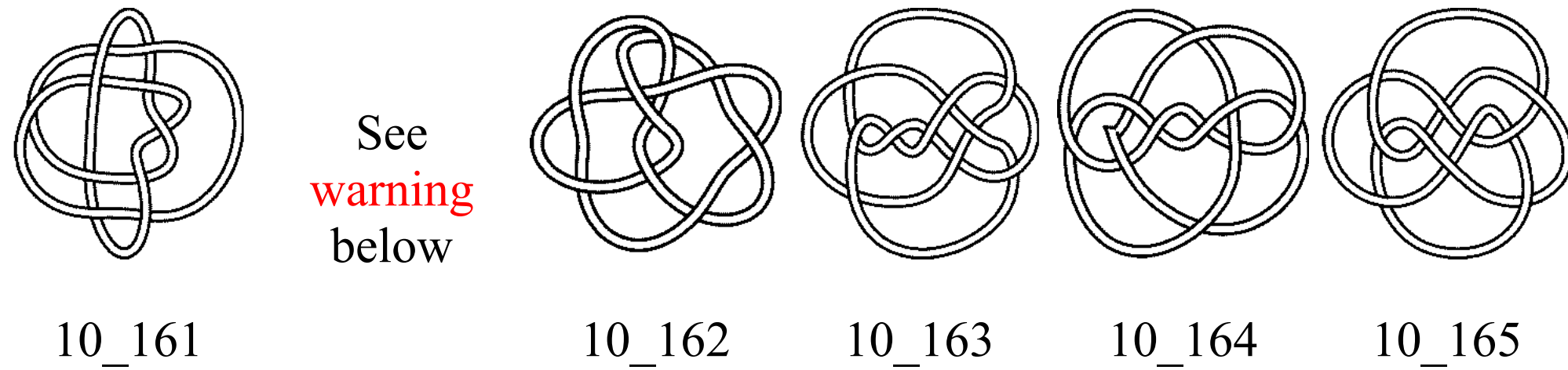
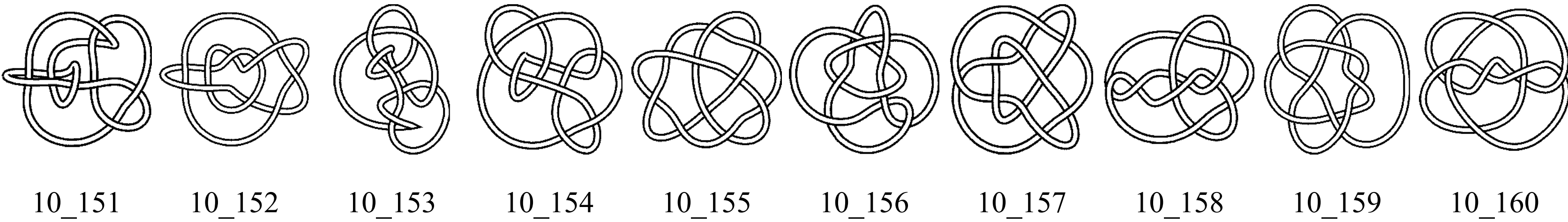
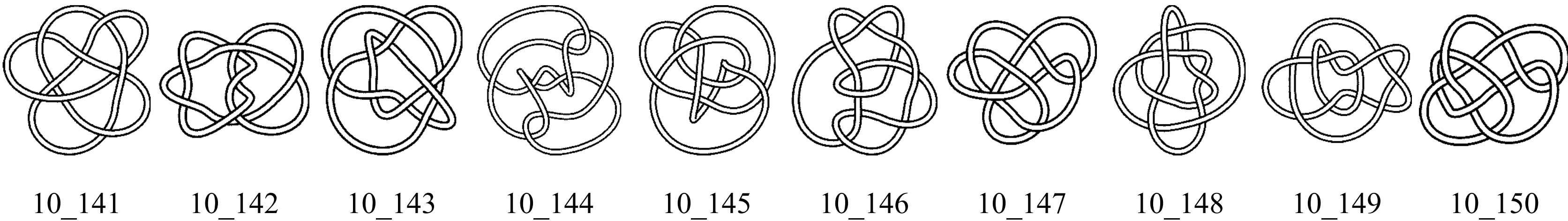


10_51 10_52 10_53 10_54 10_55 10_56 10_57 10_58 10_59 10_60



10_61 10_62 10_63 10_64 10_65 10_66 10_67 10_68 10_69 10_70





See
warning
below

Warning. In 1973 K. Perko noticed that the knots that were later labeled 10_{161} and 10_{162} in Rolfsen's tables (which were published in 1976 and were based on earlier tables by Little (1900) and Conway (1970)) are in fact the same. In our table we removed Rolfsen's 10_{162} and renumbered the subsequent knots, so that our 10 crossings total is 165, one less than Rolfsen's 166. Read more: [1] (<http://mathworld.wolfram.com/PerkoPair.html>) [2] (<http://www.math.cuhk.edu.hk/publect/lecture4/perko.html>) [3] (<http://www.maths.warwick.ac.uk/~bjs/Perko-page.html>) [4] (<http://www.math.uiuc.edu/~jms/Videos/ke/images.html>) [5] (<http://knotplot.com/perko/>) .

See all this as one big mosaic.

Also see Other Knot Tables.
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Category: Knot Table

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