

Contents

Preface	ix
Acknowledgements	x
Photo Credits	x
Origami Basics	xi
Folding Tips	xiii
Platonic & Archimedean Solids	xv
1 ♦ Sonobe Variations (Created 1997–2001)	1
Daisy Sonobe	6
Striped Sonobe	8
Snow-Capped Sonobe 1	10
Snow-Capped Sonobe 2	12
Swan Sonobe	14
Spiked Pentakis Dodecahedron	15
2 ♦ Enhanced Sonobes (Created October 2003)	16
Cosmos Ball	18
Cosmos Ball Variation	20
Calla Lily Ball	21
Phlox Ball	22
FanTastic	24
Stella	24
3 ♦ Floral Balls (Created June 2003)	28
Poinsettia Floral Ball	30
Passion Flower Ball	32
Plumeria Floral Ball	34
Petunia Floral Ball	36
Primrose Floral Ball	37
4 ♦ Patterned Dodecahedra I (Created May 2004)	39
Daisy Dodecahedron 1	40
Daisy Dodecahedron 2	42
Daisy Dodecahedron 3	43
5 ♦ Patterned Dodecahedra II (Created June 2004)	44
Whirl Dodecahedron	47
Jasmine Dodecahedron 1	49
Jasmine Dodecahedron 2	51
Jasmine Dodecahedron 3	53
Umbrella Dodecahedron	54
Swirl Dodecahedron 1	55
Swirl Dodecahedron 2	57

6 ♦ Miscellaneous (Created 2001–2003)	58
Lightning Bolt	60
Twirl Octahedron	62
Star Windows	64
Appendix	65
Rectangles from Squares	65
Homogeneous Color Tiling	66
Origami, Mathematics, Science and Technology	68
Suggested Books	75
Suggested Websites	76