

Shapes marked 'NP' are known to have been produced but we do not have an image.
Please let us know if these or any other 'new' shapes are found. Thank you (August 2015)

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|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|
| 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | |
| 11 | NP | 12 | | 14 | | 17 | | 19 | | 25 | | 26 | | 30 | | 32 | |
| 35 | | 36 | | 38 | | 39 | | 41 | | 42 | | 43 | | 44 | | 45 | |
| 46 | | 47 | | 48 | | 49 | | 50 | | 51 | | 52 | | 53 | | 57 | |
| 59 | | 60 | | 61 | | 64 | | 66 | | 67 | | 68 | | 71 | | 72 | |
| 73 | | 86 | | 88 | | 89 | | 90 | | 92 | | 96 | | 98 | | 100 | |
| 101 | | 102 | | 104 | | 108 | | 109 | | 114 | | 116 | | 117 | | 118 | |
| 120 | | 121 | | 122 | | 123 | | 125 | | 127 | | 129 | | 131 | | 132 | |
| 134 | | 136 | | 137 | | 139 | | 141 | | 142 | | 149 | NP | 151 | NP | 152 | NP |
| 153 | | 154 | | 155 | | 156 | | 157 | | 158 | | 160 | | 163 | | 164 | |
| 165 | | 166 | | 168 | | 170 | | 171 | | 176 | NP | 177 | NP | 178 | | 179 | |
| 181 | | 182 | | 183 | | 184 | | 185 | NP | 186 | NP | 187 | | 188 | | 189 | |
| 190 | NP | 192 | | 193 | | 194 | | 195 | | 196 | | 197 | | 198 | | 199 | |
| 200 | | 201 | | 202 | | 203 | | 204 | | 205 | | 207 | | 208 | | 209 | NP |
| 211 | | 213 | | 214 | NP | 216 | | 217 | | 218 | | 219 | | 220 | | 223 | |
| 224 | | 225 | | 226 | | 227 | | 228 | | 229 | | 230 | | 231 | | 232 | |
| 233 | | 234 | NP | 235 | | 236 | NP | 237 | NP | 238 | NP | 239 | NP | 255 | NP | 2000 | |
| 2001 | | 2002 | NP | 2003 | NP | 2004 | NP | 2006 | | 2007 | NP | 2010 | | 2012 | | 2013 | |
| 2014 | | 2015 | | 2017 | | 2018 | | 2019 | | 2020 | | 2021 | NP | 2022 | | 2023 | NP |
| 2024 | | 2026 | | 2028 | | 2033 | NP | 2035 | NP | 2036 | | 2039 | | 2040 | | 2041 | |
| 2042 | | 2045 | NP | 2049 | NP | 2051 | NP | 2053 | NP | 2060 | | 2061 | | 2062 | | 2063 | |
| 2065 | | 2067 | | 2074 | | 2078 | NP | 2079 | | 2082 | | 2085 | | 2086 | | 2087 | |
| 2088 | | 2089 | | 2090 | | 2091 | | 2093 | | 2094 | NP | 2095 | NP | 2096 | | 2097 | |
| 2098 | NP | 2099 | | 2100 | | 2101 | | 2102 | | 2103 | | 2104 | | 2105 | | 2106 | |
| 2107 | | 2108 | | 2111 | | 2112 | | 2113 | | 2114 | NP | 2116 | | 2118 | | 2121 | NP |
| 2122 | NP | 2123 | NP | 2125 | | 2126 | | 2127 | | 2128 | | 2129 | | 2130 | | 2131 | |
| 2132 | | 2134 | NP | 2135 | | 2136 | | 2138 | | 2139 | NP | 2140 | | 2143 | | 2144 | |
| 2145 | | 2147 | NP | 2149 | | 2150 | | 2151 | | 2153 | | 2155 | | 2156 | | 2157 | |

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|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|
| 2158 | | 2159 | | 2163 | | 2168 | | 2170 | | 2171 | NP | 2172 | | 2175 | | 2176 | NP |
| 2177 | NP | 2181 | | 2182 | | 2183 | NP | 2184 | NP | 2186 | NP | 2187 | | 2190 | | 2192 | |
| 2194 | | 2195 | | 2196 | | 2197 | | 2198 | | 2199 | NP | 2204 | NP | 2206 | | 2207 | |
| 2209 | | 2210 | | 2211 | | 2213 | | 2214 | | 2215 | | 2216 | | 2218 | | 2219 | |
| 2220 | NP | 2221 | | 2222 | | 2224 | | 2225 | | 2228 | | 2229 | | 2230 | NP | 2232 | |
| 2234 | NP | 2235 | | 2236 | | 2239 | NP | 2240 | | 2241 | | 2242 | | 2244 | | 2245 | |
| 2246 | | 2248 | NP | 2249 | | 2250 | | 2252 | | 2255 | | 2256 | | 2257 | NP | 2258 | |
| 2262 | NP | 2269 | | 2270 | | 2271 | | 2273 | | 2274 | | 2277 | | 2278 | | 2279 | |
| 2281 | | 2282 | | 2283 | | 2289 | NP | 2290 | | 2291 | NP | 2292 | | 2293 | | 2294 | NP |
| 2295 | | 2296 | | 2297 | | 2298 | | 2299 | | 2300 | | 2303 | NP | 2304 | NP | 2305 | NP |
| 2306 | | 2307 | | 2308 | | 2310 | | 2311 | NP | 2312 | | 2313 | NP | 2314 | | 2315 | |
| 2316 | | 2317 | | 2318 | NP | 2319 | NP | 2320 | NP | 2321 | | 2322 | NP | 2323 | | 2324 | NP |
| 2325 | | 2326 | NP | 2327 | NP | 2329 | | 2332 | | 2333 | | 2334 | | 2335 | | 2336 | |
| 2338 | | 2339 | | 2340 | | 2341 | | 2342 | | 2344 | | 2345 | NP | 2346 | | 2347 | NP |
| 2348 | | 2349 | | 2350 | | 2351 | | 2352 | | 2353 | | 2354 | | 2355 | | 2356 | |
| 2357 | | 2358 | | 2359 | | 2360 | | 2361 | NP | 2363 | | 2364 | | 2365 | | 2366 | |
| 2367 | | 2368 | | 2369 | | 2370 | | 2371 | | 2372 | | 2373 | | 2374 | NP | 2375 | |
| 2376 | | 2377 | | 2378 | | 2379 | | 2380 | | 2381 | | 2382 | | 2383 | | 2384 | |
| 2385 | | 2386 | | 2387 | | 2388 | NP | 2389 | | 2390 | | 2391 | NP | 2392 | | 2394 | |
| 2395 | | 2396 | | 2397 | | 2398 | | 2399 | | 2400 | | 2401 | | 2403 | NP | 2406 | |
| 2408 | NP | 2409 | | 2410 | | 2412 | | 2413 | | 2414 | | 2415 | | 2417 | | 2417 | NP |
| 2420 | NP | 2421 | | 2422 | | 2423 | | 2424 | | 2425 | | 2426 | NP | 2427 | NP | 2428 | |
| 2429 | | 2430 | | 2432 | | 2433 | | 2434 | | 2435 | | 2437 | | 2438 | | 2439 | |
| 2440 | | 2442 | | 2444 | NP | 2445 | | 2446 | | 2448 | | 2449 | | 2453 | | 2455 | |
| 2456 | | 2457 | | 2458 | | 2461 | | 2462 | | 2463 | | 2464 | | 2465 | | 2466 | |
| 2467 | | 2468 | NP | 2469 | | 2470 | | 2471 | | 2472 | | 2473 | | 2474 | | 2474 | NO |
| 2475 | | 2476 | | 2477 | | 2479 | NP | 2481 | NP | 2482 | | 2483 | | 2484 | | 2485 | |
| 2486 | | 2487 | | 2488 | | 2489 | | 2490 | NP | 2492 | | 2493 | | 2494 | | 2495 | |

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|------|------|------|------|------|------|------|------|------|------|------|------|------|----|
| 2497 | 2498 | 2499 | 2501 | 2503 | 2504 | NP | 2505 | 2506 | 2507 | | | | |
| 2508 | 2511 | 2512 | 2513 | 2514 | 2515 | 2516 | 2518 | NP | 2519 | | | | |
| 2520 | 2521 | 2522 | 2523 | 2524 | 2525 | 2526 | 2527 | 2528 | NP | | | | |
| 2529 | NP | 2530 | 2531 | 2532 | 2533 | 2534 | 2535 | 2536 | 2537 | | | | |
| 2538 | 2539 | 2540 | NP | 2541 | NP | 2542 | 2543 | 2544 | NP | 2545 | NP | 2546 | NP |
| 2549 | NP | 2552 | 2553 | 2554 | 2555 | 2556 | 2558 | 2559 | 2560 | | | | |
| 2561 | 2563 | 2564 | NP | 2565 | 2566 | 2567 | 2568 | 2569 | 2570 | | | | |
| 2571 | 2572 | 2573 | 2574 | 2575 | 2576 | 2577 | 2580 | 2581 | | | | | |
| 2582 | 2583 | NP | 2585 | 2587 | 2588 | 2589 | 2590 | 2591 | 2592 | | | | |
| 2593 | 2594 | 2595 | 2598 | 2600 | 2603 | 2604 | 2605 | 2606 | | | | | |
| 2612 | NP | 2613 | 2614 | 2615 | 2616 | NP | 2617 | 2618 | 2619 | 2620 | NP | | |
| 2621 | 2622 | NP | 2623 | 2624 | 2625 | 2626 | 2627 | 2628 | 2629 | | | | |
| 2631 | 2633 | 2634 | 2635 | 2637 | 2638 | 2639 | 2640 | 2640 | NP | | | | |
| 2641 | 2642 | 2643 | 2644 | 2645 | 2646 | 2648 | 2649 | 2650 | | | | | |
| 2651 | 2652 | 2653 | 2654 | 2656 | 2657 | NP | 2658 | 2659 | NP | 2660 | | | |
| 2661 | NP | 2662 | 2663 | 2664 | 2665 | 2668 | 2669 | 2671 | 2673 | | | | |
| 2674 | 2675 | 2676 | 2677 | 2678 | NP | 2680 | NP | 2681 | 2684 | 2685 | NP | | |
| 2687 | NP | 2689 | 2692 | 2693 | 2694 | NP | 2697 | 2701 | 2706 | 2707 | | | |
| 2710 | 2712 | 2713 | NP | 2714 | 2715 | 2717 | NP | 2718 | 2718 | NP | 2720 | | |
| 2722 | 2723 | 2724 | 2726 | 2729 | 2730 | 2731 | 2732 | 2733 | | | | | |
| 2733 | NP | 2734 | NP | 2735 | 2736 | 2737 | 2739 | 2742 | 2743 | NP | 2744 | | |
| 2748 | 2751 | 2752 | 2755 | 2756 | 2757 | 2758 | 2759 | 2760 | | | | | |
| 2761 | 2762 | 2763 | 2764 | 2765 | 2766 | NP | 2767 | 2768 | 2769 | | | | |
| 2770 | 2771 | 2772 | 2773 | 2774 | 2775 | 2776 | 2777 | 2778 | | | | | |
| 2779 | 2780 | 2781 | 2782 | 2783 | 2784 | 2785 | 2786 | 2787 | | | | | |
| 2788 | 2789 | 2790 | 2791 | 2792 | 2793 | 2794 | NP | 2795 | 2796 | | | | |
| 2797 | 2798 | 2799 | 2800 | 2801 | 2802 | 2803 | 2804 | 2805 | | | | | |
| 2806 | 2807 | NP | 2808 | 2809 | 2810 | NP | 2811 | 2812 | 2813 | 2814 | | | |

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|---------|---------|---------|---------|---------|---------|---------|---------|---------|--|
| 2815 | 2816 | 2817 | 2818 | 2819 | 2820 | 2821 | 2822 | 2823 | |
| 2824 | 2825 | 2826 | 2827 | 2828 | 2829 | 2830 | 2831 | 2832 | |
| 2833 | 2834 | 2835 | 2836 | 2837 | 2838 | 2839 NP | 2840 | 2841 | |
| 2842 | 2843 | 2844 NP | 2847 | 2851 NP | 2852 | 2853 | 2854 | 2855 NP | |
| 2857 | 2858 | 2860 | 2861 | 2863 | 2864 | 2865 | 2866 NP | 2867 | |
| 2868 | 2869 | 2870 | 2871 | 2872 | 2873 | 2874 | 2875 NP | 2876 | |
| 2877 | 2878 | 2879 | 2880 | 2881 | 2881 NP | 2882 | 2883 | 2884 | |
| 2885 | 2886 | 2887 | 2888 | 2889 | 2890 | 2891 | 2892 | 2893 | |
| 2894 | 2896 NP | 2897 | 2898 NP | 2899 | 2901 | 2902 | 2903 NP | 2904 | |
| 2905 | 2906 | 2907 | 2908 | 2909 | 2910 | 2911 | 2912 | 2913 | |
| 2914 | 2915 | 2916 NP | 2917 | 2918 | 2919 | 2920 | 2921 | 2922 | |
| 2923 | 2924 | 2925 NP | 2926 | 2927 | 2928 NP | 2929 | 2931 | 2933 | |
| 2935 | 2936 | 2937 | 2939 | 2940 | 2941 | 2942 | 2943 | 2944 NP | |
| 2945 | 2946 | 2947 | 2949 | 2950 | 2952 | 2953 | 2954 | 2957 | |
| 2958 | 2959 | 2961 | 2962 | 2963 NP | 2964 | 2965 | 2966 | 2967 | |
| 2968 | 2969 | 2970 | 2971 | 2972 | 2972 NP | 2974 | 2978 | 2980 | |
| 2981 | 2982 | 2983 | 2984 | 2985 | 2986 | 2987 NP | 2988 | 2989 | |
| 2990 | 2991 | 2992 | 2993 NP | 2994 | 2995 | 2996 | 2997 | 2998 | |
| 2999 NP | 3000 | 3001 | 3002 | 3003 | 3006 | 3007 | 3008 | 3009 | |
| 3010 | 3011 | 3012 | 3013 | 3014 | 3015 | 3016 | 3017 | 3018 | |
| 3019 | 3020 | 3021 | 3022 | 3023 | 3024 | 3025 | 3026 | 3027 | |
| 3028 | 3029 | 3030 | 3031 | 3032 | 3033 | 3034 | 3035 | 3036 | |
| 3037 | 3038 | 3039 | 3040 | 3041 | 3042 | 3043 | 3044 | 3045 | |
| 3046 NP | 3047 | 3048 NP | 3049 | 3050 NP | 3051 | 3052 NP | 3055 | 3058 | |
| 3059 NP | 3060 | 3061 | 3062 | 3063 | 3064 | 3065 | 3066 NP | 3067 | |
| 3068 | 3069 NP | 3070 NP | 3071 NP | 3072 NP | 3074 NP | 3076 NP | 3077 NP | 3078 | |
| 3080 | 3081 NP | 3082 NP | 3083 NP | 3088 | 3089 | 3091 NP | 3092 | 3093 | |
| 3094 | 3099 | 3101 | 3104 | 3107 | 3108 | 3110 NP | 3112 | 3115 | |

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|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|
| 3116 | 3119 | NP | 3120 | 3126 | NP | 3130 | 3134 | 3135 | 3136 | 3137 | | | | | |
| 3138 | 3139 | | 3141 | NP | 3142 | NP | 3144 | 3146 | 3147 | 3148 | 3149 | NP | | | |
| 3150 | 3151 | | 3152 | | 3153 | | 3154 | 3155 | 3156 | NP | 3157 | 3158 | | | |
| 3159 | 3160 | | 3161 | | 3162 | | 3163 | 3164 | 3165 | | 3166 | 3167 | NP | | |
| 3168 | 3169 | | 3170 | | 3171 | | 3172 | NP | 3174 | 3176 | | 3178 | 3179 | NP | |
| 3180 | 3181 | | 3183 | | 3184 | | 3185 | | 3186 | NP | 3187 | 3189 | 3191 | | |
| 3192 | 3193 | NP | 3194 | | 3195 | | 3195 | NP | 3196 | NP | 3197 | 3198 | NP | 3199 | NP |
| 3200 | NP | 3201 | 3202 | | 3203 | | 3204 | NP | 3206 | | 3207 | 3214 | | 3216 | NP |
| 3218 | 3220 | NP | 3223 | | 3225 | | 3226 | | 3227 | NP | 3232 | 3233 | NP | 3235 | |
| 3239 | 3240 | | 3241 | | 3243 | | 3245 | | 3246 | | 3248 | 3252 | | 3253 | |
| 3254 | 3255 | | 3256 | | 3257 | | 3258 | | 3259 | | 3260 | 3261 | | 3262 | |
| 3264 | 3266 | | 3267 | NP | 3268 | | 3270 | | 3271 | | 3272 | 3273 | | 3274 | |
| 3275 | 3276 | | 3277 | | 3278 | | 3279 | | 3285 | | 3286 | 3287 | NP | 3288 | |
| 3289 | NP | 3290 | 3291 | | 3292 | | 3293 | | 3294 | | 3295 | 3296 | | 3297 | |
| 3298 | 3299 | | 3300 | | 3301 | | 3302 | | 3303 | | 3304 | 3305 | | 3307 | |
| 3309 | 3310 | | 3311 | | 3312 | | 3313 | | 3315 | | 3316 | 3317 | | 3329 | |
| 3333 | 3340 | | 3341 | | 3343 | NP | 3344 | | 3345 | | 3346 | 3347 | | 3348 | |
| 3349 | 3350 | | 3351 | | 3352 | | 3353 | | 3354 | | 3355 | 3356 | | 3357 | |
| 3358 | 3359 | | 3360 | | 3361 | | 3362 | | 3363 | | 3364 | 3365 | | 3366 | |
| 3367 | 3368 | | 3369 | | 3370 | | 3371 | | 3372 | | 3373 | 3374 | NP | 3375 | NP |
| 3376 | NP | 3377 | 3378 | | 3379 | | 3380 | | 3381 | NP | 3382 | 3383 | NP | 3384 | NP |
| 3385 | NP | 3386 | 3387 | NP | 3388 | NP | 3389 | NP | 3390 | | 3391 | 3392 | | 3393 | NP |
| 3394 | NP | 3395 | NP | 3396 | NP | 3397 | NP | 3398 | NP | 3399 | NP | 3400 | NP | 3401 | NP |
