Object	Uranometri	a Con	Туре	R.A.	Dec.	mv	Size '	Remarks (Abbreviations from Kemble's observations unless otherwise noted) List Not
NGC 188	1	Cep	OC	00 47 30.0	+85 15 30	8.1	15	Bounded on the east and south by brighter stars. One of the oldest known OCs.
`r 1	29	Cas	OC	01 35 42	+61 17 00	8.1	3	Charming tiny, boxlike group of stars set amid a rich starfield, use low power.
C 1851	29	Cas	Double Star	02 51 45.9	+58 18 52	6.5 & 9.93	na	Kemble found a "diffuse nebular glow" with UHC filter and compared it to NGC 7023 and NGC 896.
C 342	16	Cam	G-SBc	03 46 48.4	+68 05 44	8.4	21.4x20.9	"The Hidden Galaxy", barred spiral with a small bright core. Look for OC Be 10 2° S.
IGC 1502	16	Cam	OC	04 07 49.2	+62 19 54	6.9	20	Kemble's Cascade, a spurting of stardust from off-Milky Way, flows into this bright OC with many double stars.
NGC 1961	16	Cam	G-SBbc	05 42 03.9	+69 22 43	11	4.5x3	Small nucleus and low surface brightness makes spotting it a challenge.
IGC 2146	6	Cam	G-SBab-P	06 18 38.3	+78 21 21	10.6	5.4x2.9	Appears elongated and diffuse. Lies west of a neat little clustering of faint stars.
IGC 2320	4	Lyn	G-E4	07 05 41.9	+50 34 51	11.9	1.4x.08	Quite bright, surprisingly easy, a bright star lies 1' to the NE.
IGC 2322	4	Lyn	G-SBa	07 06 00.3	+50 30 38	13.8	1.1x.04	Faint. In the same low-power field as NGC 2320. Also look for NGCs 2321, 2322, 2326 & 2326A in 1/2-degree field.
NGC 2602	26	Lyn	G-S	08 35 04.3	+52 49 53	14.7	0.3x0.2	Easiest of three galaxies requiring a dark sky and patience. Observe with NGC 6203 and 2606 nearby. All extremely faint.
NGC 2603	26	Lyn	G-C	08 34 31.2	+52 50 25	15.5	0.3x0.3	Observe alongside NGCs 2602 and 2606.
NGC 2606	26	Lyn	G-Sbc	08 35 34.4	+52 47 19	14.3	0.7x0.3	Observe alongside NGCs 2602 and 2603.
NGC 2715	6	Cam	G-SBc	09 08 05.9	+78 05 09	11.2	4.8x1.6	Large, faint, elongated spiral located in a nice starfield.
VGC 3183	5	Dra	G-SBbc	10 21 48.6	+74 10 38	11.9	2.3x1.4	Large, oval, mottled with four or five faint, starlike points embedded in the galaxy.
IGC 3172	1	Umi	G-Sa	11 47 14.5	+85 05 37	14.1	1.x0.7	"Polarissima Borealis," most northerly bright galaxy. Small, faint, starlike nucleus. Use averted vision.
IGC 3972	24	Uma	G-SBbc	11 55 45.3	+55 19 12	12.3	3.7x1	An elongated glow rewards the persistent observer. Use averted vision.
IGC 4157	37	Uma	G-SBb	12 11 04.4	+50 29 05	11.4	6.7x1.2	Faint and elongated. Nicely nestled in a field of fairly bright stars.
IGC 5308	23	Uma	G-So	13 47 00.0	+60 58 22	11.4	3.7x0.7	Quite bright and easy to find with an almost starlike core. In a rich field using low power.
IGC 5484	23	Uma	G-E2	14 06 48.1	+55 01 49	14.7	0.8x0.7	An especially satisfying group of galaxies. Observe with NGC 5485 and 5486 nearby.
IGC 5485	23	Uma	G-So	14 07 11.4	+55 00 05	11.4	2.3x1.9	Quite remarkable! Observe alongside NGCs 5484 and 5486.
IGC 5486	23	Uma	G-Sm	14 07 24.9	+55 06 11	13.2	1.5x0.9	Extremely faint. Observe alongside NGCs 5484 and 5485.
IGC 5909	4	Umi	G-Sbc	15 11 27.9	+75 23 04	13.8	1.1x0.5	In the cup of Ursa Minor, just NE of β Ursa Minoris. With 5912 makes a fine pair of galaxies.
IGC 5912	4	Umi	G-E-So	15 11 40.5	+752305	13.8	1.2X1.1	Brighter with a star like core when compared to NGC 5909.
IGC 6251	4	Umi	G-E2	16 32 31.8	+82 32 18	12.6	1.8x1.5	Together with 6252 form a nice pair of galaxies.
IGC 6252	4	Umi	G-S	16 32 40.3	+82 34 38	14.2	0.7x0.3	Caught as the Moon was rising, the first 15th-magnitude galaxy Kemble observed.
IGC 6543	11	Dra	PN	17 58 33.4	+66 38 01	8.1	0.33	"Cat's Eye," one of the finest planetaries in the circumpolar sky. Sharp and contrasty with a greenish hue. [c* 11] Look for 14th n
IGC 6654	3	Dra	G-SBo-a	18 24 07.6	+73 10 58	12	2.6x2.1	Easy to identify, appears round and bright. Look for Kemble 2 nearby.
IGC 6826	33	Cyg	PN	19 44 48.2	+50 31 32	9	0.6	E and in same field as 16 Cygni the "Blinking Planetary" looks like a bluish star with direct vision, nebula pops with averted vision. [c* 10.4]
IGC 6939	20	Cep	OC	20 31 30.0	+60 39 42	7.8	10	A tight little cluster of faint stars. Look for NGC 6946 the "Fireworks" galaxy nearby.
IGC 7023	9	Cep	RN	21 01 35.5	+68 10 10	7	10x8	This reflection nebula is a gem best seen without a filter.
C 1434	19	Lac	OC	22 10 30.0	+50 50 00	9	7	Nice cluster with many faint stars in two arms. A "mini Kemble's Cascade" according to modern obs.
IGC 7510	18	Cep	OC	23 11 04.2	+60 34 08	7.9	7	Appearing like a swarm of glowing gnats flying in a V-formation,
								a gorgeous cluster set off in a sea of black space with a hint of fainter star dust. Look for NGC 7538 to N.
	Supplement	tal Objects ref	lecting Ken	ıble's volumi	nous Observ	ations		
Ced 214		8 Cas	EN	00 05 50.79	+67 17 23	10	50x40	Very large nebulous complex south of NGC 7822, contains tiny sparkling OC Berk 59. Used sweeping to detect if fields are restrictive.
		0.0						

Ced 214	8 Cas	EN	00 05 50.79	+67 17 23	10	50x40	Very large nebulous complex south of NGC 7822, contains tiny sparkling OC Berk 59. Used sweeping to detect if fields are restrictive.
Ling1	8 Cas	Ast	00 20 00	+62 20 00	na	32	Lovely, large, looping cluster of stars. Well isolated as a group when scope is moved S of St20. A lovely gift from Alister.
King 14	8 Cas	OC	00 33 18.64	+63 16 19	8.5	8	Forms a triangle with OCs NGCs 133 & 146 in same low power field. Row of brighter stars on E edge. Many doubles in this cluster.
NGC 896	29 Cass	EN	02 21 28.4	+63 46 16	na	27x13	Easy patch of nebulosity E of long chain of stars. Use UHC filter + low power. Kemble compared NGC 7023 & IC 1851 to NGC 896.
Cz8	29 Per	OC	02 33.00	+58 46 00	9.7	7	Small Triangle in a beautiful field. 3.5-degree NE of the Perseus Double Cluster. Look for King 4 nearby.
Stock 23	28 Cam	OC	03 17 57.6	+60 10 53	6.5	29	Mentioned in S&T Dec. 80' as part of his Kemble's Cascade Correspondence, at the time an uncharted clusters Kemble swept up.
Pal 1	7 Cep	GC	03 36 37.0	+79 39 18	13	2.8	Soft glow suspected with averted vision, confirmed on 2nd observation. Kemble observed all Palomar Clusters.
Kemble 3	17 Cas	Ast	03 28 00	+72 00 00	na	1.5°x0.5°	Kemble's Kite. Star V805 contained within.
Kemble 1	16 Cam	Ast	03 59 00	+63 08 00	na	2.5°	Kemble's Stream Cascade (in his notes he edited "Kemble Stream" years later to match the name Houston Jones gave it.)
UGC3574	27 Lyn	G-S	06 55 03.07	+57 09 01	13.81	1.5x1.4	Fairly large, uniform, nestled in a sort of trapezium.
Jones-Embersor	26 Lyn	PN	07 59 34.71	+53 21 45	12	6.8x6	Clear, round glow, brighter on NW. 2 bright arcs seen even without UHC filter.
Markarian 205	5 Dra	QSO	12 21 43.85	+75 19 21	12.8	Stellar	Quasar appears as momentary 14.5 m spec below, but unassociated with, NGC 4319. Look for NGCs 4219 & 4386 nearby.
NGC 5875	22 Boo	G-Sb	15 09 13.10	+52 31 41	12.4	2.3x1.2	Large, diffuse, elongated.
Draco Dwarf	21 Dra	G-dSph	17 20 34.97	+57 54 23	11.25	36.8x29.1	Quite easy; very large & diffuse, easily seen by sweeping. Part of our local group of galaxies.
NGC 6643	3 Dra	G-Sc	18 19 45.6	+74 34 06	11.1	3.7x1.8	Large, faint, elongated with brighter core and by a nice chain of stars.
Kemble 2	10 Dra	Ast	18 35 00	+72 25 00	5.6	20x10	Mini-Cassiopeia.
Cr471	9 Cep	OC	22 07 29.97	+72 06 28	na	130	Very large, bright OC in Cep OB1 association. Look for Barnard 175 on S. edge.
Reiland 1	18 Cep	OC/EN	23 05 40.23	+60 11 09	na	1	Small nebulous patch marked as Bergeron 1 in Uranometria. Look for IC 1470 to the north. [c* 16.0]

- Table Notes:
 Updated NGC/IC data from Wolfgang Steinicke
 NGC/IC Source: www.klima-luft.de/steinicke/ngcic/ngcic_e.htm
 Remarks are from Kemble's articles, personal logs and correspondence.
 Supplemental Objects are suggested in an attempt to create a more comprehensive list reflecting his observations post '87. Selections were based on multiple observations, notes, sketches, or correspondence indicating some additional interest by Kemble.
 The "nearby" targets in the Remarks column are suggested because they were observed and noted by Kemble as such with the exception of B175 near CR471 and "Mini Kemble's Cascade in IC 1434.