We claim:

1. A method of cultivating and harvesting edible bird's nests, wherein said swiftlets are bred in dome shaped nesting chamber 370 configured with access ways comprising tunnels 372; said method comprising:

providing said chamber 370 with a variety of vertical nesting structures comprising ceiling 194 mounted artificial stalactite 375 and 376; plain nesting board 196, triangular shaped nesting board 196a and 196b; wherein said

stalactite being cylindrically shaped 375 and conically shaped 376; said

triangular shaped (X-section) nesting structure 196a and 196b being inwardly inclined wherein, nests built one above the other are not soiled or dirtied by bird shits dropping down from swiftlets nesting above; wherein, said

nesting structure 196a comprises of plain vertically inclined surfaces; nesting structure 196b comprises of a stepped, inversed stair case arrangement;

providing claw holds comprising claw lines 245, claw holes 246, saw-toothed claw holds 204, thorns 377, indentations 59, protrusions 60; built on the surfaces of said nesting structures 196, 196a, 196b, stalactites 375 and 376; for ease of alighting and to enable swiftlets to cling vertically on to said nesting substrate;

providing access ways in and out of confined micro-habitat 17b by means of tunnel 372, said access way being mounted at the top and bottom of said chamber 370; wherein, swiftlets can also access micro-habitat 17b by means of access way 12 mounted at the side of said nesting cavity;

providing a safe and easy means of harvesting edible nests wherein, said farmer 378 standing on the floor 195 of a level 192 in the multi-storey structure 200, harvests said nests built and attached to said nesting structures mounted on said overhead ceiling 194.

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2. A method of breeding swiftlets as recited in Claim 1, wherein said swiftlets are bred in a dome shaped chamber 370 secured to the overhead beam 193, structural beams 98 or wall 191 using metal rods or bars 232;

3. A method of breeding swiftlets as recited in Claim 1, wherein said chambers comprises spherical, round, oval, oblong shaped cavities; or, semi-dome shaped, semi-spherical, semi- oval and semi-oblong structures.

4. A method of breeding swiftlets as recited in Claim 1, wherein said swiftlets are bred in vertically disposed tunnel 372 with the top end enclosed by a remove-able cap 373; wherein, in an alternative arrangement, said tunnel 372 is disposed in a vertically inclined position; said narrow tunnel comprises an enclosure formed by walls 69a internally partitioned to form said small confined space.

5. A method of breeding swiftlets as recited in Claim 4, wherein said tunnel 372 configured with both ends open serves as a nesting substrate as well as a fly through passage-way for swiftlets; allowing access to and from a dome shaped breeding chamber 370, providing a link between a plurality of chambers 370; including other parts of the swiftlets housing structure.

6. A method of breeding swiftlets for their edible bird's nests, wherein said swiftlets are bred in vertical nesting caverns formed by narrowly spaced nesting walls 69b, 69c, 69d configured to produce clean nests of high quality; said method comprising:

providing a vertical wall constructed in a zig-zag configuration, or undulating and corrugated pattern; creating nesting crevices 57 on which swiftlets alights to rest, and into which said swiftlet's edible nest is built;

providing clinging means wherein said wall is constructed with claw-holds comprising saw-toothed claw lines 204, spiky thorns 377, claw lines 245 and claw holes 246, indentation 59 and protrusion 60 for ease of alighting by swiftlets;

providing a means of shielding edible nests, wherein said wall is affixed with shit shield 362 to prevent edible nests from being dirtied by bird shits dropping down from other birds nesting above.

7. A method of breeding swiftlets as recited in Claim 6, wherein said vertical nesting wall 69a is fitted with individual pieces of short and inclined receptacles 360; said down-ward sloping receptacle 360 provides a means of shielding to prevent edible nests of swiftlets built below from being dirtied by falling bird shits of other swiftlets nesting above; ensuring production of clean edible nests of high quality; wherein, said receptacle 360 also serves to provide a clinging apparatus for swiftlets to alight with ease, rest, breed and build their nests.

8. A method of breeding swiftlets as recited in Claim 7, wherein said wall 69a is inclined at an angular disposition; said inclined and narrowly spaced nesting walls forms a confined swiftlets habitat 17a simulative and emulative of natural caverns found in the wild; wherein, the lower down-ward facing side is guaranteed to produce clean edible nests of high quality.

9. A method of breeding swiftlets as recited in Claim 6, wherein said swiftlets are bred in vertical nesting caverns formed by narrowly spaced nesting walls 69 made of bricks configured with extended overlapping ends comprising:

providing a vertical bricks wall 69 constructed from pieces of bricks 364 and mortar 366 including bricks 364a, 364b and 364c with elongated and tapered edges extending outward providing a plurality of ledges on which swiftlets 61 alights to rest; creating recessed crevices 57 into which said swiftlet's edible nest 62 is built; wherein, said

protrusions and ledges formed by the extended edges of bricks 364, 364a, 364b and 364c forms a shit shield protecting nests built into the recessed crevice 57 from being dirtied by falling bird shits of other birds nesting above said crevice 57 thus enabling production of clean nests of high quality;

providing gripping footholds 204, 245, 246, 377 on the extended edges of the tapered bricks enabling ease and convenience of alighting by swiftlets;

providing RFID tags 363 mounted at the side or below the extended edges for tracking of nest harvesting frequency;

providing hematite bearing substrate 267 affixed into nesting crevice 57 for producing red colored edible nests 62.

10. A method of breeding swiftlets as recited in Claim 9, wherein said swiftlets are bred in vertical nesting caverns formed by narrowly spaced nesting walls 69 made of bricks configured with recessed crevices comprising:

providing a vertical bricks wall 69 constructed in an arrangement wherein pieces of bricks 364 are positioned alternately one above the other creating a plurality of hollow spaces in between said bricks; said hollow space forming recessed cavities and crevices 57 on which swiftlets alights to rest, and into which said swiftlet's edible nest is built; wherein, alternatively said

brick 364 is configured with an inclined hollow internal to form cavity 57, and a back rest 369; which when combined with the hollow spaces in between said bricks, provides a sheltered and enlarged nesting crevice 57;

providing a tapered extended edge 362 forming a shit shield to avoid and prevent edible nests 62 from being dirtied by falling bird shits from other birds nesting above said crevice 57.

11. A method of cultivating and harvesting edible bird's nests, wherein said swiftlets are bred in dome shaped nesting chamber 370 configured with overhead nesting appliances; wherein, said nesting habitat 17b is,

provided with artificial man made breeding structures comprising cylindrically shaped stalactite 375 and cone shaped stalactite 376; triangular (X-sectional) boards196a and 196b; wherein said

overhead structures mounted onto and hanging down from the ceiling 194 provides a vertical clinging surface for swiftlets to alight, breed and raise their young; wherein, said

nesting and breeding structures are configured to produce clean, high quality edible nests of swiftlets with high market value and low processing costs.

12. A method of breeding swiftlets as recited in Claim 11, wherein said swiftlets are bred by means of triangular shaped (X-sectional) nesting board 196a and 196b; such that said boards provides multiple incremental improvements in the production capacity as compared to the plain nesting board 196; wherein, said

nesting board 196a had a plain, roughened inwardly inclined surface; whereas nesting board 196b had an inversed, stepped stair-case structure which is inwardly inclined; wherein said

production capacity is increased by five times if the inversed staircase structure 196b have five steps; or ten times of the production capacity of plain nesting board 196 if the inversed staircase structure 196b had ten steps.

13. A method of breeding swiftlets as recited in Claim 11, wherein said swiftlets are bred by means of vertical clinging surfaces 59, 60, 202, 204, 245, 246, 377 and roughened surfaces provided on the nesting structures 69, 69b, 69c; 196, 196a, 196b; 360, 375, 376; said vertical clinging surfaces provides an easy and convenient gripping substrate for swiftlets to alight, rest, builds nests and breed;

14. A method of breeding swiftlets as recited in Claim 13, wherein non-clinging surface 361 is used in combination with said clinging surfaces to persuade, usher and coerce swiftlets to alight on shielded nesting areas in order to produce clean nests of high quality; wherein, said swiftlets are subtly forced by means of structural configuration of the nesting structure to build nests in areas which are shielded and protected from falling bird shits of other birds nesting above.