Special Fabric for Camouflage

The main patterns are listed in order of versatility and all-year-round adaptability (Pattern n.10, n.7, n.2). Then 2 patterns for grassy environment (Pattern n.1, Arid and Pattern n.3, Greenzone) and 2 patterns for deciduous areas (Pattern n.9, BDW and Pattern n.15, Realtree Xtra) are displayed. The last 2 patterns are tailored to specific uses: Pattern n.6, Snow (alpine use) and Pattern n.17, Lagoon (amphibious use).

How to choose your Ghillie Pattern

We provide the worldwide mapping of climates and biomes for each of our standardised patterns. So, check the area you need to operate in and find the right pattern for it using the color code reference below the pattern's image. The climates and biomes map is shown in each pattern image and in greater detail below, after the pattern section. Keep in mind that the Koppen and Geiger climate classification is a general reference, so make sure to check if the pattern visually matches the area of use. If you have any dubts, send us an email for a free consultation, providing pictures along with seasonal featues and intended use.

Infra-red spectrum (NGV + Thermal) and UV capabilities

All of our Patterns have excellent visual and IR effectiveness. For further information you can check the **Test section** of the website, where you'll find a 2-hour IR NVG effectiveness video report. Thermal camouflage is provided by all of our patterns. Thick Jute patterns

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provide a reduction of human thermal signature that ranges between 10 and 25 degrees Celsius, depending on the environmental conditions (take a look at our test section for more info about thermal signature disruption). Specific thermal camouflage is provided by our Thermal IR Ghillie Suit, which can be garnished with any Ghillie Pattern. The visual effectiveness is shown here in this section for each pattern sub-section as well as on our YouTube channel [**go to playlist**]. An UV effectiveness report will be available in 2022, however we state here that no breaches in UV reflectance have been found across our materials and patterns.

Further info about our Patterns

Consider that all our Ghillies have been tested in outdoor environments. To determine the camouflaging capabilities of each individual colour shade and material, we studied how they blended and interacted with the surroundings. In a second instance, each standard pattern has then been tested in a variety of environments in order to evaluate its versatility and to achieve the highest possible degree of adaptivity, regardless of the specific environment the pattern was designed for. Every camouflage pattern can be adjusted for specific needs, and custom patterns can be developed on demand.

Disclaimer: keep in mind that our patterns are crafted to blend in the designed environment as baseline effective camouflage. Therefore, even in case it's not possible for

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you to apply vegetation or natural elements on the spot, the Ghillie will perform effectively. However, the use of local vegetation and natural elements (dust, sand, mud, snow) must be considered in order to maximise the camouflage effectiveness of our Ghillie Suits.

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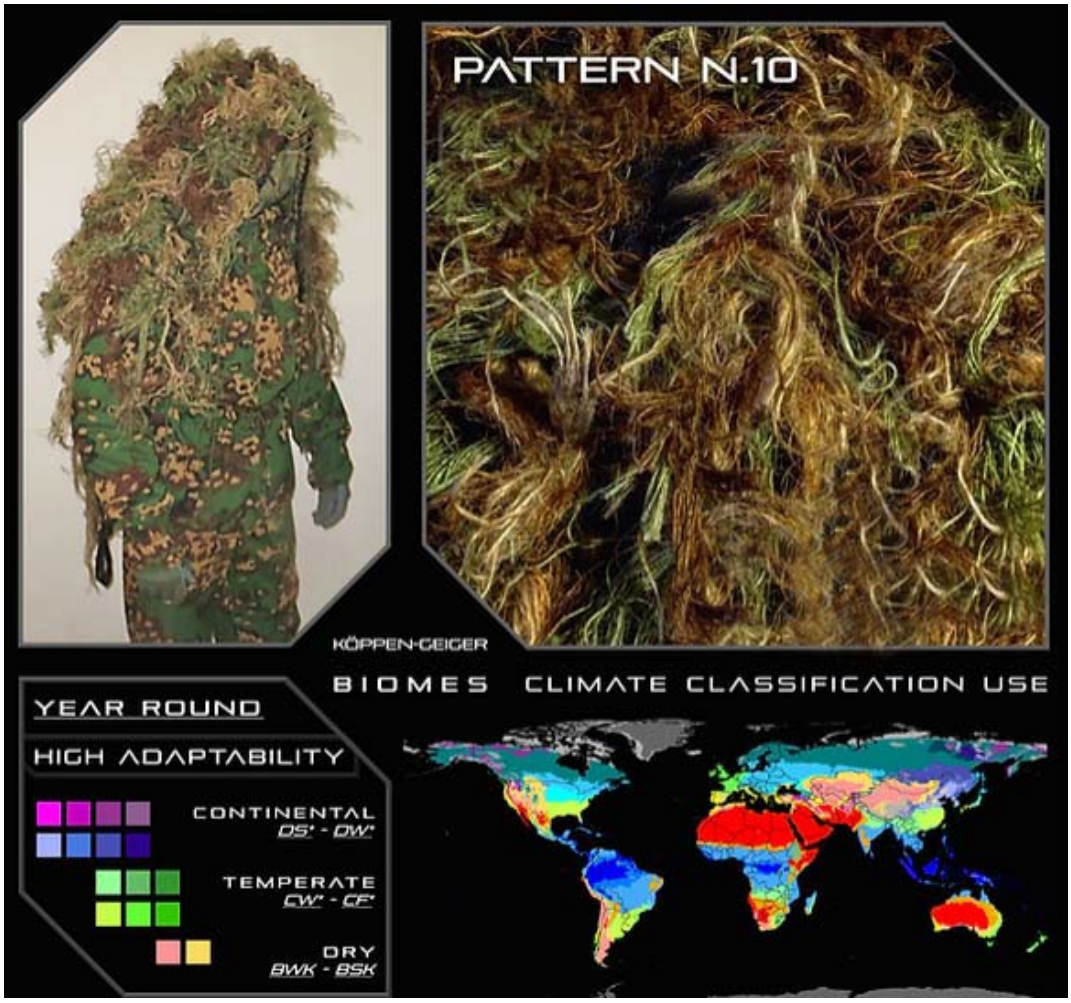
Pattern n.10
Multiland-Transition



Pattern n.10 is a versatile and highly adatpable jute-based pattern. It is essentially a Multiland pattern featuring the mid-range brown of Pattern n.7, making it the intermediate option between Pattern n.2, Multiland (light) and Pattern n.7, Mountain Transition (dark). Pattern n.10 is composed of the three universal colours of natural camouflage: tan, mid-range brown and olive green. It's designed for habitat transitions and for adaptability to several environments and seasons, making it a reliable, versatile choice for temperate environments. A full rafia version is available on demand.

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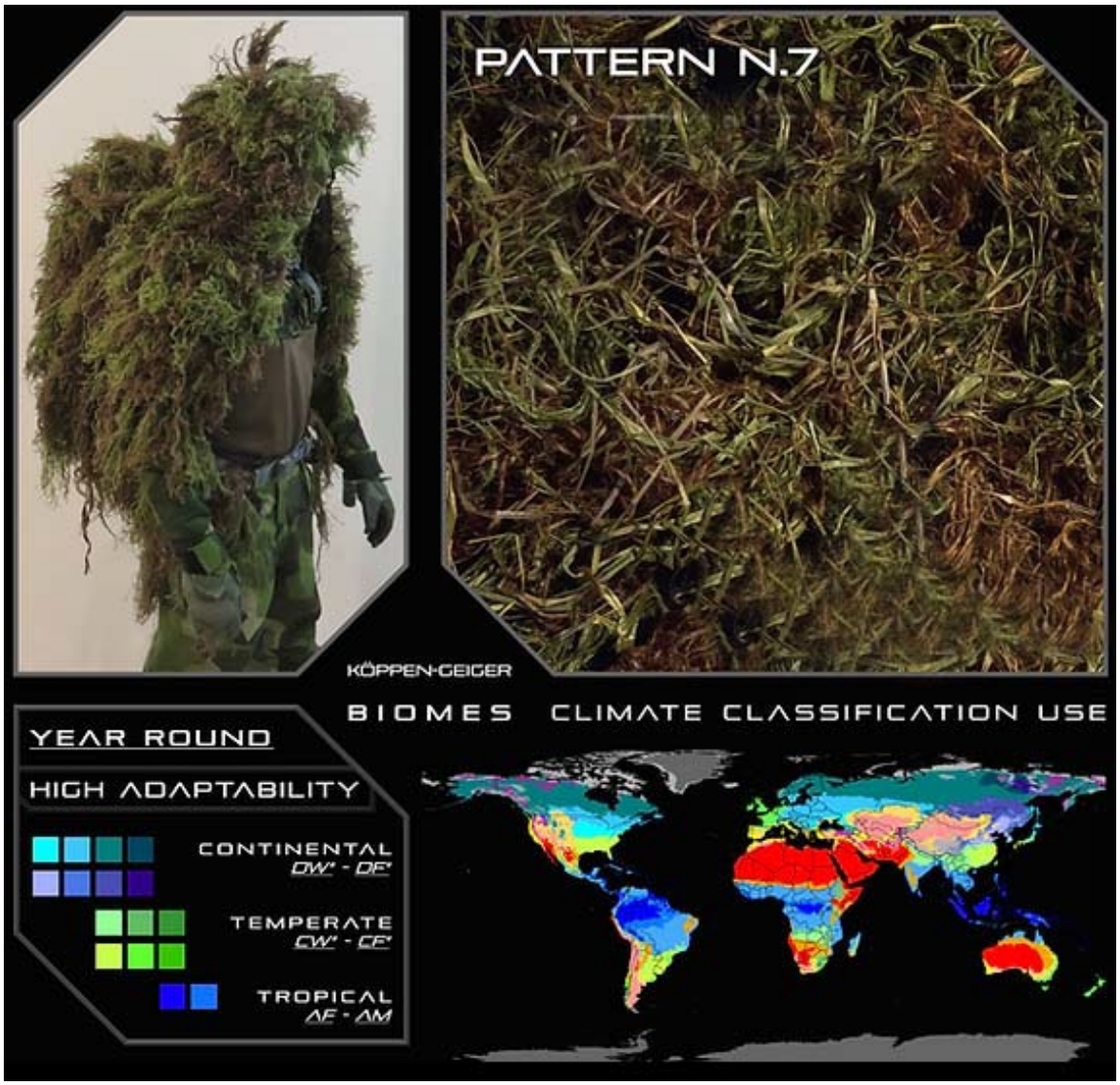
Pattern n.7

WOODS-MOUNTAIN TRANSITION



Versatile and adaptable jute-based pattern developed specifically for a mountain environment, whether it be woods or ridgetops. This pattern accounts for habitat transitions during hunting and wildlife-monitoring expeditions. It is highly versatile and effective at different latitudes. The baseline is most effective in the woods and on high-altitude mountain ridges approximately 2000 meters above sea level. It can be integrated with any of our camouflage fibres.

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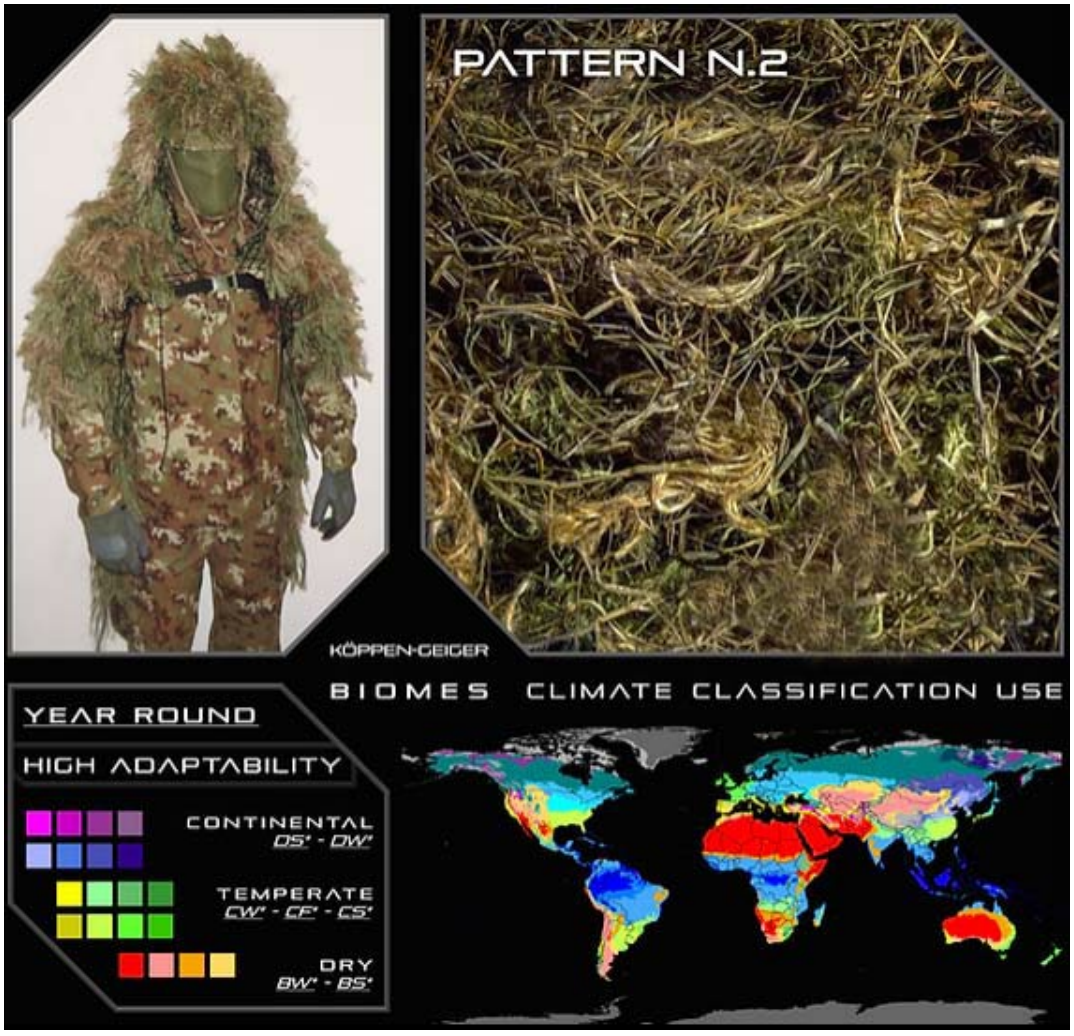
Pattern n.2

MULTILAND



This highly versatile pattern is suited for several environment types, from arid fields to wooded and mountainous areas, and adapts well to every season. In rich green surroundings, achieving a good degree of concealment will require the addition of a fair amount of mud or vegetation, particularly in the Northern hemisphere, where the baseline is most exposed. Multiland is best suited for temperate and arid environments. It is based on jute and rafia but a full rafia version is available on demand.

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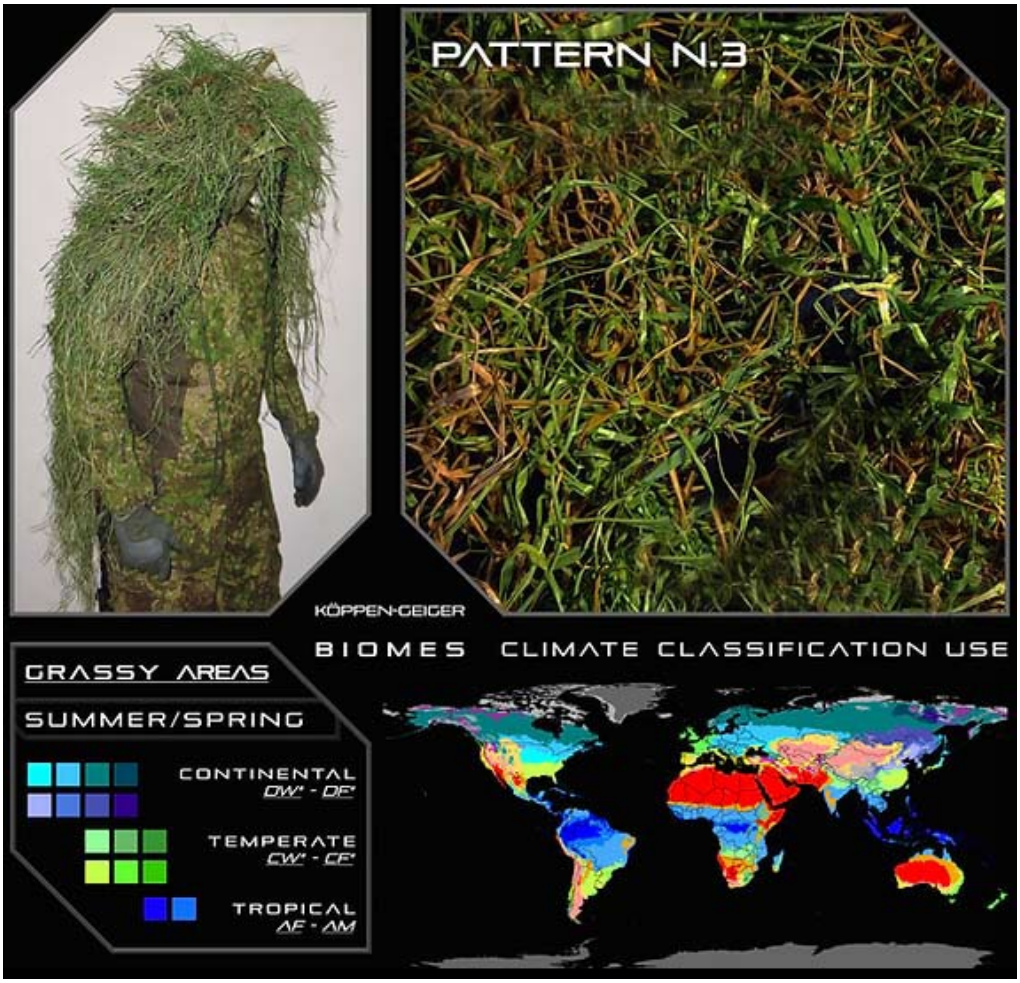
Pattern n.3

GREENZONE (PenCott inspired)



Inspired by the PenCott Camouflage GreenZone pattern, we developed the Greenzone for green areas such as mountain fir woods, meadows, northern forests and mountain ridges in summertime. It can be integrated with any of our camouflage fibres. Despite the intense green colouring, it adapts well to broad-leaved woods and to the autumn season. Pattern n.3 is made using only rafia in order to blend effectively in lush grassy regions. In tropical and fully humid hot environments, it finds the right placement thanks to the high breathability provided by rafia on Ghillie bases. In addition, rafia is highly lightweight and retains less water than jute, cotton and other synthetic fabrics, therefore it is suitable to being used in tropical biomes.

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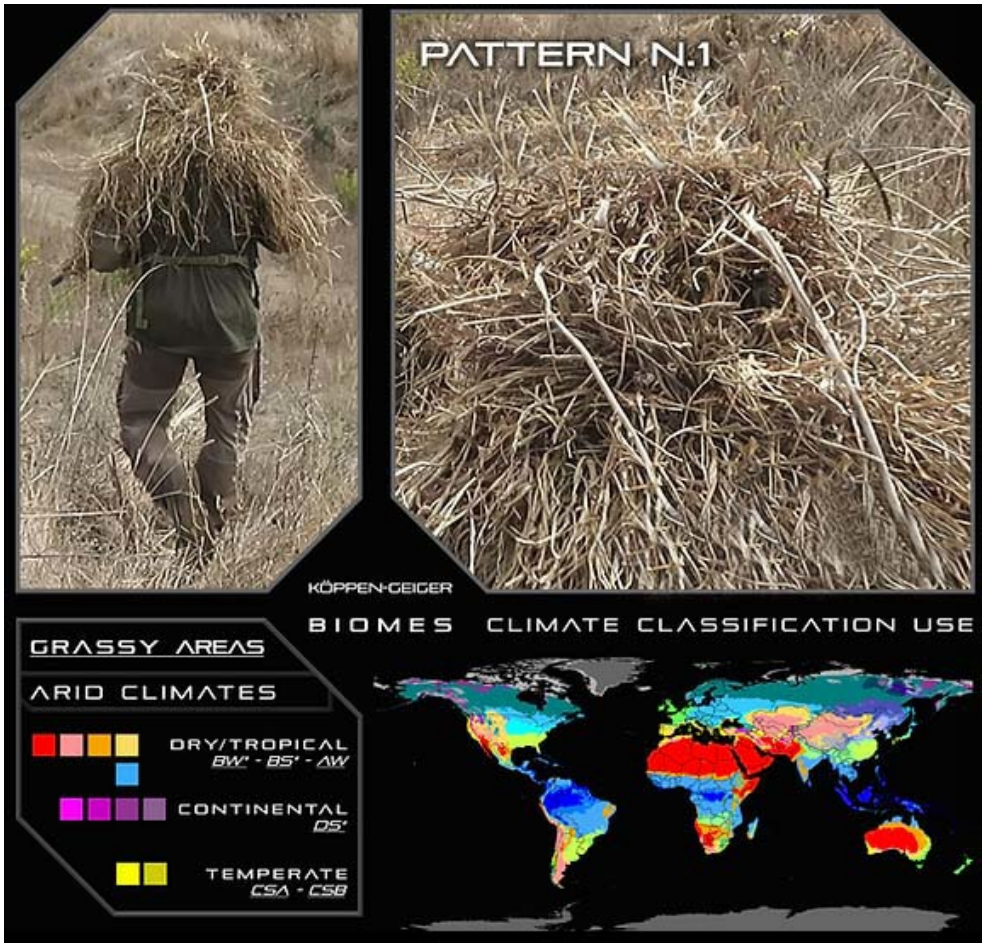
Pattern n.1

ARID



Pattern n.1, Arid is a base pattern for arid and dry environments. The first version was developed with natural jute and shades of reddish sisal with addition of brown rafia. In a second instance, we came up with the rafia version, which is lighter and more breathable. This version is more suitable for hot areas and seasons. As pattern n.3, the Ghillie is made in rafia, so it is highly breathable and does not retain water unlike many other materials and fabrics, therefore the use in hot and/or wet and rainy enrvinment is suggested (for example, dry and cold autumns in continental climates or arid deserts in the Middle-East).

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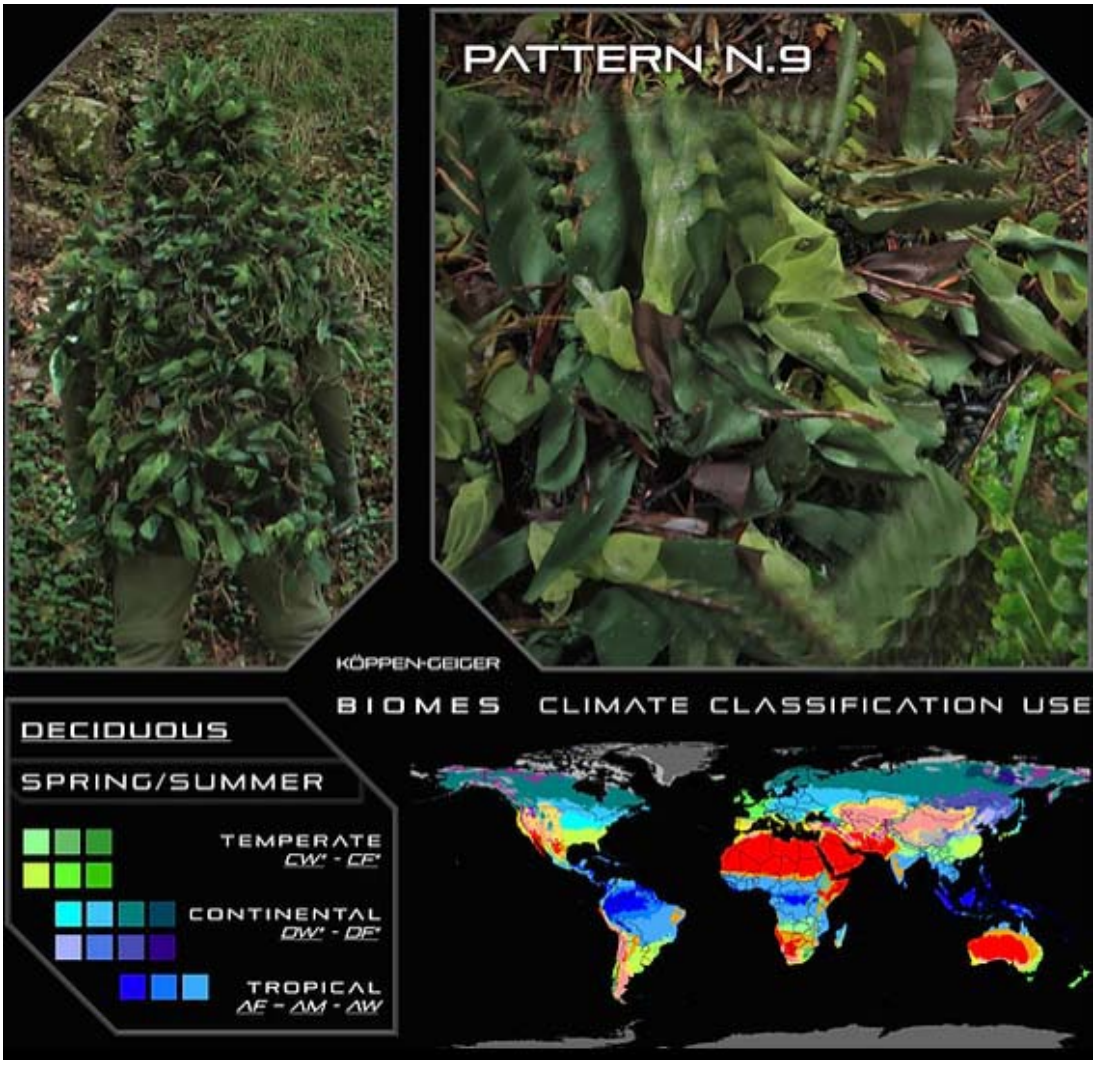
Pattern n.9

BROAD-LEAVED WOODLAND FULLY WATERPROOF AND BREATHABLE LEAFSUIT:



Although specifically designed for broad-leaved woodlands in the spring and summer months, the baseline also works extremely well during winter, thanks to the ivy and oak shades of WIRC fabric. Pattern n.9 is a fully waterproof and breathable leafsuit, NIR-compliant under both active and passive IR systems. It's particurlarly lightweight: the Ghillie suit in the photo weighs 650gr. A further advantage is its reduced propensity to getting caught in bushes and vegetation compared to cotton and mesh fabric, and its permanent 3D depth effect.

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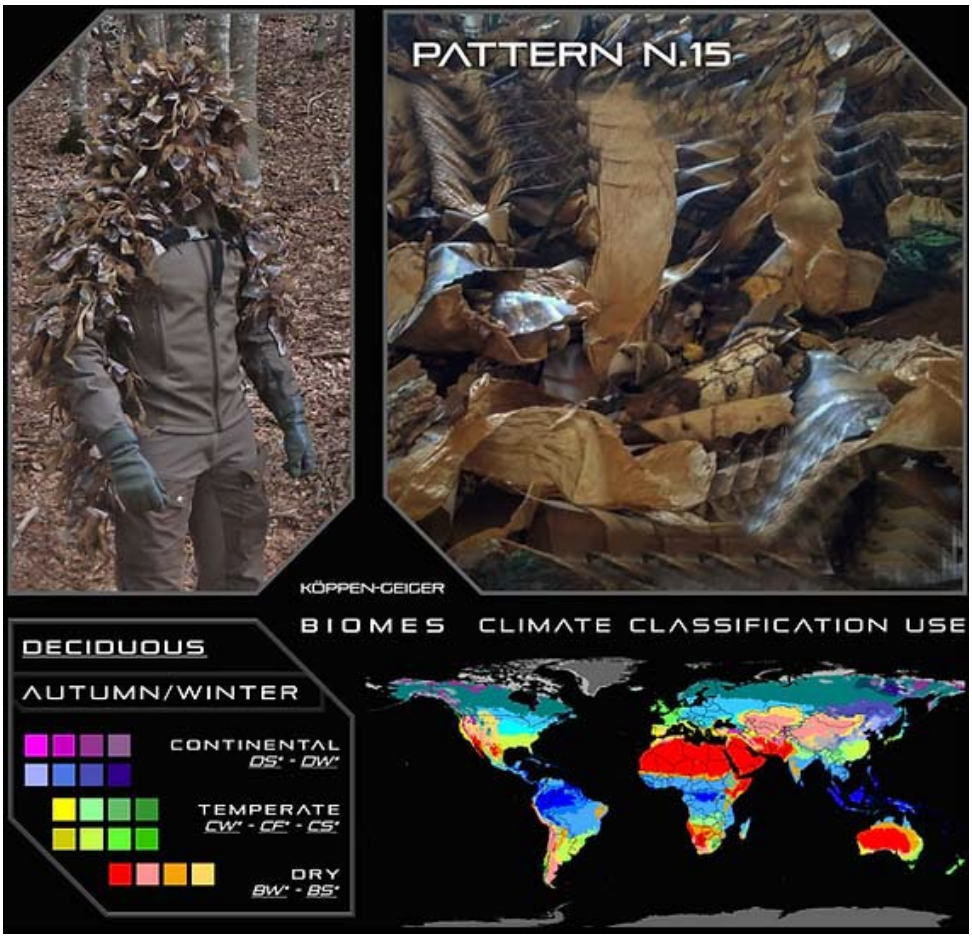
Pattern n.15

REALTREE XTRA BROAD-LEAVED DRY WOODLAND WATERPROOF AND BREATHABLE LEAFSUIT



Developed specifically for broad-leaved woods, particularly during the autumn and winter seasons. It's made of strips of Realtree Xtra waterproof fabric, with added wide strands of raffia that perfectly reproduce the typical mid-range colour of autumn foliage. Realtree is popular with deer and turkey hunters for its waterproof properties and stronger odor-resistance compared to jute or raffia.

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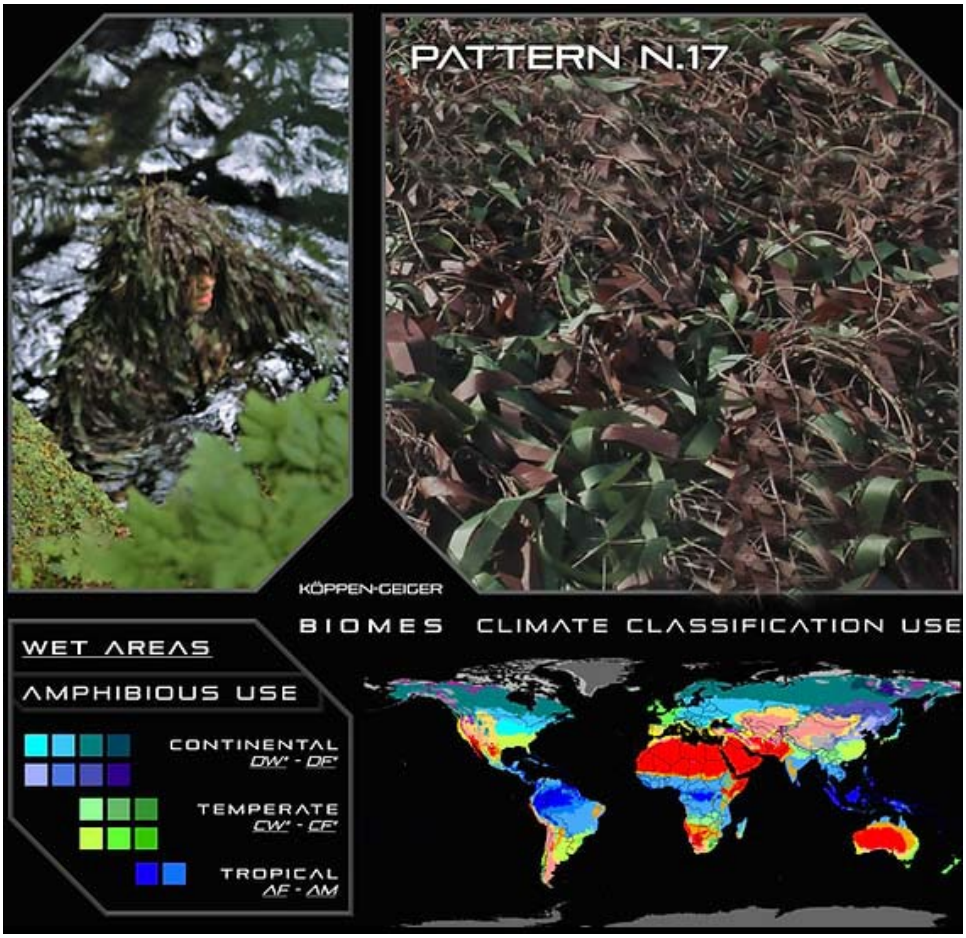
Pattern n.17

LAGOON - WATERPROOF AND BREATHABLE GHILLIE SUIT



Developed specifically for amphibious use. the Pattern n.17, Lagoon is a fully waterproof and fully breathable multispectral IR Ghillie Suit designed for underwater and transitional operations where staying dry is required. This pattern offers a proper baseline camouflage both for woods and mountain environments and for marine and lagoon areas. With this pattern, special forces operators can transit rapidly across environments, still maintaining shape disruption and the effectiveness of a Ghillie Suit. It is extremely lightweight (700gr Stalking-Hood + back extension) and offers good reduction of thermal signature.

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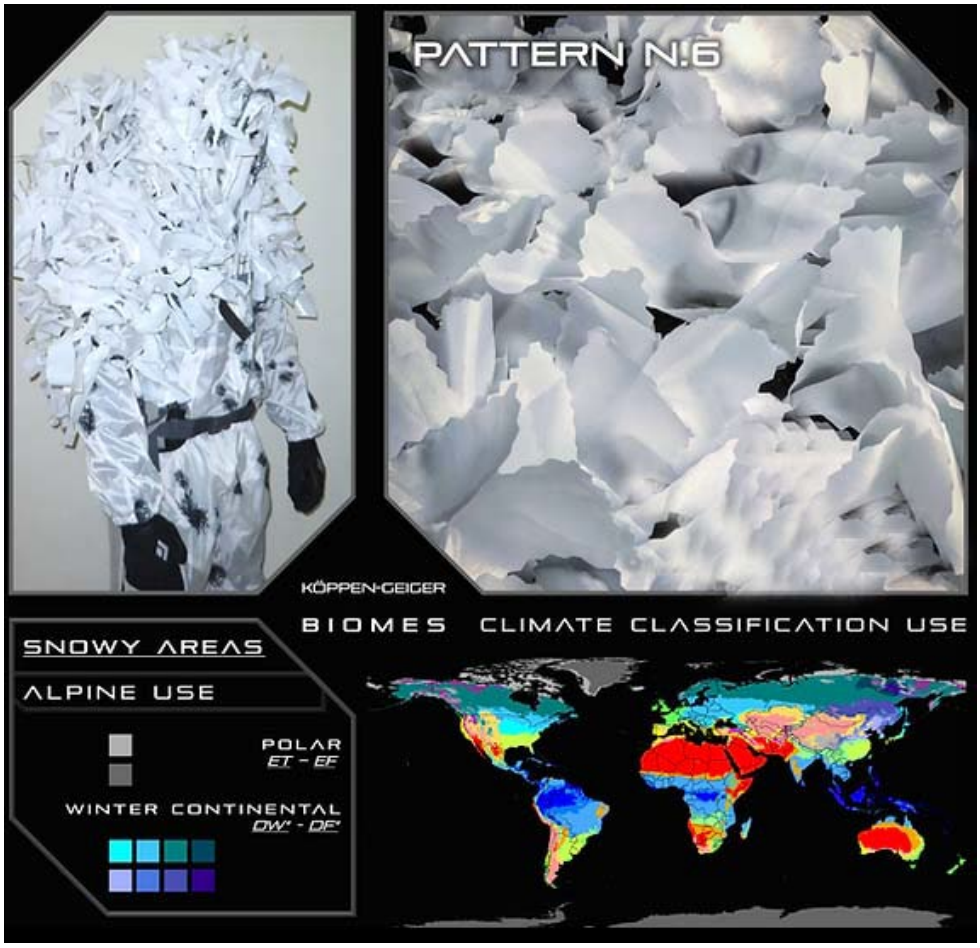
Pattern n.6 and n.8

SNOW - and 2-COLOURS SNOW WATERPROOF AND BREATHABLE LEAFSUITS



These are patterns developed specifically for snowy, Alpine and Arctic regions. They are fully waterproof and breathable and do not feature neither jute or raffia, as these fibers tend to dampen and freeze in icy temperatures, increasing the Ghillie suit's weight. Even so, Pattern n.6 and Pattern n.8 can be integrated with any of our camouflage fibres. Pattern n.8 Two-colours Snow is a variation with added green WIRC fabric, in order to blend in patchy snowy areas and snowy woods. These Ghillie patterns disrupt the human silhouette on white backdrops and snowy ridges.

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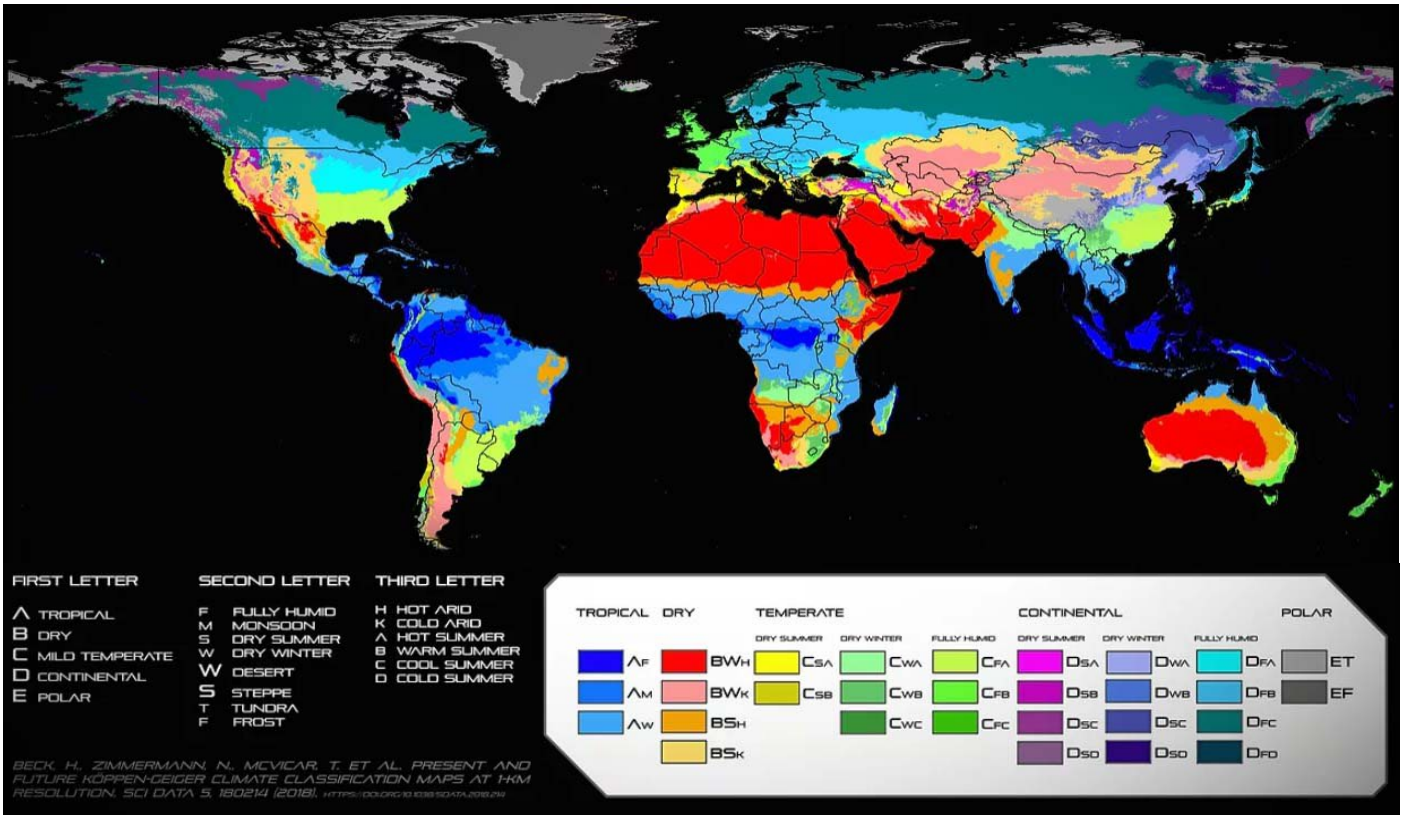
Kopper and Geiger Climate Classification



Camouflage Materials

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JUTE: extremely lightweight. Compared to other fibres, such as cotton, jute can greatly increase the volume of a ghillie without significantly increasing its weight. It's ideal for disrupting the outline of the head and reducing the distance between the neck and shoulders. In addition, jute is entirely silent, producing no sound in motion, which makes it a good choice for hunting, wildlife photography and military uses. It's a versatile fibre, the intermediate step between fine threads and wider strips. Jute provide also great screen against thermal scanners increasing the overall camouflage effectiveness of the users. If immerged in water jute ratain water, however during rain exposure drops tends to flow on jute fibers without penetrating it.

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RAFFIA: Raffia resembles grass and works in several environments due its natural appearance. We employ several different shades of ecologically-dyed eco raffia. Ghillie suits made entirely of raffia are lighter and more breathable than jute ghillies. Raffia works better than jute in grassy environments, but it's less versatile than jute outside of them. The drawback of raffia is that it produces a low rustling sound: as such, it requires the wearer to be careful in their sudden movements while approaching wildlife. Raffia retains by far less water than jute, cotton and nylon.

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SISAL: a plant fiber produced from hemp. We use red sisal in our ghillies to reproduce the colour of dry leaves, autumn grass and the vegetation of desert areas. Sisal is reasonably versatile and works in several environments, due to its capacity to reflect the light the same way as natural vegetation does. It blends into its surroundings very effectively. Sisal is also available in a tan brown shade reproducing the colour of dead grass and wildflowers. It is totally silent.

WIDE RAFFIA: our wide raffia is made from eco raffia fibres, designed to simulate dry autumn foliage and arid land vegetation. It is broader than raffia and produces the same low rustling sound. However, this can be minimized through careful movements. Wide Raffia may impact your ghillie suit's versatility, restricting its camouflage effectiveness to specific areas characterised by broad dry leaves.

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W-IR-C FABRIC: Waterproof - InfraRed - Camouflage (WIRC) fabric is a light fabric (190 gr per sqm) we developed for our leaf-suits. It's waterproof, breathable (thanks to the net base) and lightweight. WIRC's sturdy texture makes it fairly abrasion-resistant and allows it to maintain its 3D depth at all times, even when wet or compressed. Unlike mesh and cotton fabrics, WIRC doesn't get caught in vegetation. It reflects infrared light the same way as natural vegetation, under both passive and active sensors. WIRC comes in 6 colours (ivy, oak, olive green, brown, cold white, warm white).

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CAMOUFLAGE MESH: Camouflage Mesh is a thin layer of mesh that, properly cut and crafted, can emulate the broad foliage of deciduous forests. This nylon-based mesh is made of the same material used for our Stalking Veil. It is highly breathable and almost as effective under Infra-Red lighting as our Jute, Raffia Grass and wide Raffia strips. Similar to our leaf-suit, the Camouflage Mesh ghillie suit is specifically intended for deciduous forests and does not allow for transitions across multiple environments and terrains. It's only effective in areas characterised by broad leaves.

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